



City of Lathrup Village
27400 Southfield Road
Lathrup Village, MI 48076
www.lathrupvillage.org | (248) 557-2600

RECEIVED

JAN 07 2026

City of Lathrup Village

11:45am

APPLICATION FOR COMMITTEES, COMMISSIONS, & BOARDS

Date of Application: 1/7/2026

Please check the committee for which you are applying:

<input type="checkbox"/> Board of Review	<input type="checkbox"/> Planning Commission
<input type="checkbox"/> Downtown Development Authority (DDA)	<input type="checkbox"/> Parks & Recreation Committee
<input type="checkbox"/> Historic District Commission	<input type="checkbox"/> Tree Committee
<input checked="" type="checkbox"/> Communications & Engagement Committee	<input type="checkbox"/> Other: _____

Name: Kenita Doss

Address: 18850 Hampshire St Lathrup Village, MI 48076
Phone: 313-729-0294 Street, City, State, Zip _____ Email: dossk521@hotmail.com

Are you at least 18 years of age: YES NO

Are you a registered voter in Lathrup Village: YES NO

Have you been a resident of Lathrup Village for 1+ years: YES NO

A resume/CV is required with your application. Additionally, please include a letter that covers any additional information that clearly states your qualifications for serving on the committee you selected and why you believe you are the best fit to serve Lathrup Village.

Signature: Kenita Doss Date: 1/7/2026

Applicants must be in good standing with the City to be eligible for committee, commission, or board appointment. Any outstanding violations or payments associated with the applying individual or individuals' property may result in the submitted application being rejected.

Return completed application to:

Lathrup Village – City Clerk, 27400 Southfield Road, Lathrup Village, MI 48076

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January 7, 2026

Lathrup Village City Clerk
Attn: Communication & Engagement Committee

Dear Members of the Selection Committee,

I am writing to express my interest in serving on the Lathrup Village Communication & Engagement Committee. I am eager to support the City's efforts to strengthen communication, transparency, and community involvement, and I am enthusiastic about volunteering my time and skills in service of the residents of Lathrup Village.

Professionally, I bring strong leadership and communication experience developed through years of working in collaborative, high-accountability environments. As a Lead Engineer supporting large, complex government programs, I regularly translate technical information into clear, accessible messaging for diverse audiences, facilitate cross-functional discussions, and support decision-making at both the executive and working levels. These experiences have reinforced the importance of clarity, timeliness, and trust—principles that align strongly with the mission of this committee.

Beyond my professional background, I have consistently sought opportunities to serve and lead through volunteer and community-based roles. I have supported nonprofit organizations, served on boards, managed communications and social media efforts, and contributed to diversity, equity, and inclusion initiatives. These roles have strengthened my ability to listen actively, engage thoughtfully, and collaborate with people from varied backgrounds and perspectives—skills I believe are essential for fostering meaningful civic participation and public trust.

I would be honored to serve on this committee and contribute to enhancing how Lathrup Village connects with and engages its community. Thank you for your time and consideration.


Sincerely,
Kenita Doss

KENITA DOSS

313-729-0294 • dossk521@hotmail.com

PROGRAM MANAGEMENT / AEROSPACE / STRESS ANALYSIS

18850 Hampshire St Lathrup Village, MI 48076

Highly proficient and talented Aerospace Engineer, with over twenty years of experience in the aerospace and automotive manufacturing industries. Provide exemplary engineering services on large and complex projects within global organizations. Focused technical contributor, with articulate communication skills, and a positive attitude. Consistently seek new challenges and methods to transform business needs into creative engineering solutions. Work as a proactive team member in the attainment of project goals within the organization, even under stressful project deadlines. Strong analytical and problem-solving skills, and the initiative and ability to get the job done. A highly organized and hard-working team player, who can complete projects on time, on budget, and regularly exceed clients' expectations.

TECHNICAL SKILLS & CORE COMPETENCIES

✓ Secret Security Clearance	✓ MS Word & MS Outlook	✓ Geometric Tolerancing
✓ Finite Element Analysis	✓ MS Excel & MS Teams	✓ Teamcenter
✓ Mathcad & MATLAB	✓ Six Sigma Greenbelt Training	✓ Structural Integrity
✓ Mathematica	✓ Crucial Conversation	✓ CNC Basic
✓ Minitab	✓ Increasing Personal Effectiveness	✓ Basic Machining Practices
✓ Solid Edge	✓ Business Acumen	✓ High-Performance Culture
✓ SolidWorks	✓ Emotional Intelligence	✓ Project Planning
✓ ANSYS	✓ Robust Design	✓ Professional Presentations
✓ ANSYS Workbench	✓ Geometric Dimensioning	

EXPERIENCE & NOTABLE CONTRIBUTIONS

Booz Allen Hamilton, Remote

LEAD ENGINEER

January 2023 – Present

- Provide engineering and technical support services to the F-35 Joint Program Office (JPO) within the Department of Defense covering aspects of the F135 engine core upgrade (ECU) efforts.
- Serve as the F135 ECU systems requirements and integration lead in supporting engine/propulsion program goals and coordinating engine technical efforts to meet those goals.
- Responsible for the F135 ECU requirements definition, flow-down, and traceability of the engine system by embracing agile products and model-based systems engineering (MBSE) processes to enhance development speed and quality.
- Work closely with Pratt & Whitney to develop and track technical performance metrics.
- Actively participate in Risk and Opportunity Review Board meetings to properly characterize program technical risks that threaten on-time product delivery as well as technical risks that threaten product capability and validity by reviewing and approving descriptions, 'If/Then' statements, and mitigation plans.
- Engage in system-level and design-level meetings where decisions are based on discussions focused on risks, design and material changes, weight, and costs.

Booz Allen Hamilton, Arlington, VA

LEAD ENGINEER

October 2019 – January 2023

- Provided administrative support services as the senior acquisition systems analyst to the F-35 Joint Program Office (JPO) within the Department of Defense covering all aspects of the propulsion system's development, production, and sustainment.
- Assisted in the preparation of all executive-level program management reviews, bi-weekly reports, and/or meetings regarding the challenges, budget, risks, planning/contracting, product sustainment, engine production, and engine improvement of the F135 propulsion system.
- Supervised daily operations through collaboration with senior management and department leaders of the Propulsion Program Management Office (PMO), performing an array of administrative tasks from managing calendars, generating correspondence, maintaining electronic files, planning, and coordinating quarterly all-hands meetings, and hoteling reservation system.
- Served as the Administrator for the Pratt & Whitney External Military Portal application with the ability to send registration instructions, approve user registrations, and assign additional administrators.
- Monitored and assisted with tasks allocated to the Propulsion PMO within the Enterprise Task Management Software Solutions. Organized information more efficiently and delegated to respective individuals to complete tasks promptly.
- Served as a subject matter expert, handling inquiries, developing action plans to address them, and assisting with the preparation and dissemination of communications.

Aerojet Rocketdyne, Sacramento, CA/Huntsville, AL
STRESS ANALYSIS ENGINEER

May 2015 – September 2019

- Proficiently assisted other Analysts and Designers engaged with the development and production of new and existing liquid rocket engines, propulsion system components, and secondary structures. Efficiently perform structural analyses, utilizing class hand-calculation methods and finite element models. Constructed and solved static and dynamic finite element models, utilizing ANSYS and ANSYS Workbench.
- Thoroughly performed dynamic and fatigue analysis on the bi-propellant valve assembly on the Orion European Service Module Main Engine (ESM ME) to determine margin calculations for space vehicle certification.
- Carefully evaluated the integrity of the bi-propellant v seal joints under ESM ME loads, to assess the significance of circumferential preload variation, and capture the joint flange gapping.
- Skillfully performed static and dynamic analysis on the next iteration of flange layouts for valves on the AR1 engine, to determine the minimum required number of bolts and flange thickness for the assembly, and to calculate the factors of safety.
- Effectively performed modal extraction on the Space Shuttle Main Engine main injector liquid oxygen inlet, to anchor the response analysis to the AR1 Booster Engine pre-burner liquid oxygen splitter vanes.
- Accurately performed strength, dynamic, and fatigue analysis on the AR1 Booster Engine turbine exit guide vanes, and 2nd stage rotor, to calculate the factors of safety. Perform 2-D deflection analysis, to determine the limit at the blade tip for the AR1 fuel impeller.
- Systematically calculated the required specimen free length, to achieve the maximum bending stress in the test specimen, using a 2-D analysis.
- Completed a 2-D strength and HCF analysis, for the AR1 kick housing cover, to calculate the factors of safety.
- Thoroughly reviewed drawings for the AR1 turbomachinery hardware to ensure that the design and associated documentation align with the analyses that were conducted and meet the technical requirements of the Program.
- Accurately performed fatigue life analysis for Multi-Purpose Booster Development (MPBD) case carrier plate to determine the total fatigue life damage. Successfully performed static and dynamic analysis on the MPBD igniter assembly to determine margin calculations to support the customer design review.

Rolls-Royce, Indianapolis, IN
STRUCTURAL ENGINEER

August 2010 - March 2015

- Efficiently developed and applied structural integrity assessment techniques, including finite element analysis and classical hand calculations, to support the design, safety justification, in-service operation, and manufacturing of current and future gas turbine engine components.
- Successfully reduced costs of Rolls-Royce products, by evaluating an alternate material for the AE 2100 interconnecting strut.
- Thoroughly performed maneuver loads and outer bypass duct analysis for the AE 3007C2 program, and accurately developed the engineering department report for FAA certification.
- Skillfully performed elastic analysis for the redesign of the AE 3007 No. 4 carbon seal runner, to determine the radial deflections of the press fit assembly condition of the runner and compressor stub shaft.
- Carefully evaluated the rear turbine bearing support on the AE 1107C/C1, in support of increasing the engine time on the wing.
- Proficiently conducted elastic and plastic analysis, including Goodman diagram, for AE 1107C air inlet housing with deteriorated material properties, and evaluated the likelihood of structural failure due to High Cycle Fatigue loads.
- Accurately completed documentation to support the closure of a safety alert report.
- Completed elastic analysis to evaluate the stresses, due to thermals for the AE engine common core turbine replacement program.
- Accomplished elastic analysis, including stress linearization, for the redesign of the AE 3007 fan bearing housing and bearing liner assembly, and thoroughly completed documentation to address a red top safety-related issue.
- Carefully evaluated the AE 2100D2 in-flight refueling flight test strain gage data, to support aircraft certification.
- Efficiently evaluated the likelihood of structural failure, due to saw-cut bolt holes on the T56 rear turbine bearing support.
- Performed elastic analysis, including stress linearization, for the Trent 1000-TEN inner v groove, to determine if the current design could withstand limit, ultimate, and fatigue loads for the Boeing Dreamliner 787-10 aircraft.
- Completed elastic analysis for the redesign of the M250 turbine labyrinth seal assembly, to determine the axial and radial deflections, stress contours, and fatigue life of the engine operating conditions for the rotor, oil slinger, and stator.
- Accurately performed fatigue life analysis with residual stresses for the Trent 1000-TEN intermediate compressor casing, to determine if the current design could withstand fatigue loads for the Boeing Dreamliner 787-10 aircraft.
- Proactively offered stress analysis support for the AE3007 front frame component loads analysis, and AE2100 strut clevis over torque bolt analysis.

TRW Automotive, Mesa, AZ
PRODUCT ENGINEER (CONTRACTOR)

January 2010 - June 2010

- Proficiently coordinated prototype builds and validation processes and interacted with other Product Engineers, to ensure inflator components performed appropriately in vehicle tests.
- Compiled and presented analyses performed on inflator components into statistical summaries, pivot tables, and run charts.

Rolls-Royce, Indianapolis, IN
2009

May 2008 - August

APPLICATION & PERFORMANCE ENGINEER

- Accurately generated production engine influence coefficient charts and defined (or redefined) the overall process for chart generation.
- Skillfully supported the development and testing of a parametric engine performance model for use by various aircraft companies, in support of preliminary design studies.
- Prepared preliminary documents and supporting materials for a turbofan gas turbine engine for Preliminary Design Review.
- Proactively assisted in software certification, production implementation, and service bulletin issuance.

General Electric, Decatur, AL
2007

June 2005 - August

PRODUCTION ENGINEER

- Efficiently provided project leadership for Product Cost Take-Out, Material Cost Take-Out, Quality, and Environmental Health and Safety improvements.
- Oversaw project work, including Business Change Requests, Business Change Notifications, drawing creations, evaluations, and all items associated with technical reviews, and collected and analyzed electrical component failures.
- Returned failures to suppliers for autopsy and maintained failure reports; tracked and ensured scorecards and autopsy logs were being received from suppliers on an ongoing basis; and assisted with 90-day Quality Reviews, by providing data and reports.

EDUCATION**Master of Science in Engineering, Aerospace Engineering with a concentration in Stress Analysis**
Arizona State University, Tempe, AZ; August 2010**Bachelor of Science in Engineering, Mechanical and Aerospace Engineering**
The University of Alabama in Huntsville, Huntsville, AL; Cum Laude; May 2008**PROFESSIONAL AFFILIATIONS**

Member, Leading Ladies of Aerospace (2022-2024); Mentee, Sisters of the Skies (2022-2024);
Member, Thursday Network (2020-2023)

LEADERSHIP / VOLUNTEER PROJECTS

Team Member, Aerospace Diversity Equity Inclusion Small Business Consulting (2022-2023); Team Member, Compass Pro-Bono – National (2020-2021); Board Member of My Book Buddy, LLC (2017-2022); Managing Editor of NOCOMPROMISE Magazine (2015-2017); Social Media Manager of Soroptimist International of Indianapolis Metro (2013-2016)