

PROFILE

Results driven Software Developer with strong background in Software Development. Known for collaborating with cross-functional teams for software development life cycle to design, code, debug, test, and maintain applications. Comfortable working in a high-pressure environment, self-motivated, assertive, demonstrated accuracy, with strong focus on attention to detail, and an ability to work well in a team environment. Eligible to work in the U.S.

TECHNICAL SKILLS

- **Programming Languages:** C++, Java/J2EE, C#, MySQL, Python, Linux, HTML, CSS, and JavaScript.
- **Web Technologies:** Microservices, Restful API, Spring boot Framework, Scrum and Agile Methodology.
- **Cloud Services:** Azure.
- **Databases:** Microsoft SQL Server, PostgreSQL, HBase NoSQL Database, and Elasticsearch.
- **Tools:** Eclipse, IntelliJ, Visual Studio, OKTA, ServiceNow, Azure DevOps, JIRA, Confluence, OneNote, and Bitbucket.

PROFESSIONAL EXPERIENCE

Software Development Engineer
Micron Technology Inc.

September 2024 - Current
Boise, ID

- Design and develop high-performance software solutions for **MES** and **PCS** platforms, enabling accurate equipment control and optimized semiconductor fab processes.
- Collaborate with stake holders, engineering, product, and operations teams to gather requirements, define user stories, and deliver solutions aligned with business and technical goals.
- Develop and optimize **SQL** queries to enhance data performance, support analytics, and ensure efficient data access across systems.
- Monitor and troubleshoot **CI/CD** pipelines and build processes, ensuring stable releases and rapid recovery from deployment failures.
- Coordinate with global teams to oversee server upgrades, ensuring alignment with regional requirements and minimizing downtime.
- Create and manage installer files to package and distribute hot patches across global sites.
- Provide technical support for deployment-related issues.
- Executed detailed test plans to validate system functionality, improving software quality and reducing post-release defects.
- Manage and monitor **scheduled jobs** to maintain system performance, ensure operational continuity, and enable timely issue resolution.
- Conduct deep testing of new features in development environments to validate functionality and prevent regressions.
- Lead incident resolution by diagnosing production issues, coordinating with global teams, and minimizing downtime during server upgrades and critical failures.
- Deliver incremental release in **Agile** environments by participating in sprint planning, backlog refinement, and continuous improvement initiatives.

Software Developer

Radian Group Inc. (Remote)

March 2021 - July 2023

Westborough, MA

- Designed and developed critical real estate applications, improving operational efficiency and enhancing user experiences.
- Applied **core Java** concepts, such as Multithreading and Collections Framework, to meet application requirements and ensure robust functionality.
- Utilized **Agile Methodology (SDLC)** to build applications collaboratively, ensuring iterative development and rapid response to changing requirements.
- Wrote and executed test cases to validate the stories along with black box and white box testing.
- Worked as **Software Reliability Engineer (SRE)** to monitor production release.
- Developed **Java APIs**, tested thoroughly using **Postman** and **Swagger** to integration with other systems.
- Conducted thorough code reviews and actively participated in architectural discussions, consistently maintaining code quality, best practices, and adherence to established coding standards.
- Actively participated in scrum meetings, contributing to sprint planning and product backlog discussions.
- Utilized **JIRA** for issue/bug tracking, ticket generation, and work assignment monitoring, ensuring prompt issue resolution and seamless task management.
- Proactively identified and addressed vulnerabilities using **Nexus IQ and Snyk**, fortifying applications against potential security threats.
- Upgraded **SendGrid** email notification templates, streamlining communication processes within the application.
- Leveraged **Elasticsearch** to efficiently access and update application workflows, optimizing data retrieval and processing.
- Worked closely with testing team (QA) for issue fixing and coordinated test suit for test execution.

Graduate Research Assistant

Prairie View A&M University

Sept 2016-Dec 2019

Prairie View, TX

- Spearheaded the development of a cutting-edge Android application aimed at automatically removing random unwanted pictures from the photo gallery based on timestamps, streamlining user experience and enhancing photo management.
- Leveraged dynamic programming languages, including **Java and XML**, in conjunction with **Agile methodology** to ensure efficient and effective development processes for the **Android application**.
- Led a comprehensive big data processing initiative using Hadoop and HBase to handle both structured and unstructured data effectively. Successfully imported data from MySQL to HDFC, leveraging HBase's capabilities to efficiently load and manage the data. Devised and executed optimized queries to enhance data processing and retrieval, resulting in improved overall system performance.

EDUCATION**M.S. (Computer Science & Engineering)**

Prairie View A&M University, Prairie View, Texas US

Dec 2019**B.E. (Computer Science & Engineering)**

Amravati University, Amravati, MS India

June 2013