Niveditha Ayela
Software Developer

Mount Pleasant, MI | +1 (989) 506 5021 | nivedithaayela5000@gmail.com

SUMMARY

Software Developer with over 3 years of experience in designing, developing, and deploying scalable web applications using modern front-end and back-end technologies. Strong proficiency in Python and SQL, with extensive hands-on experience in PL/SQL for advanced database development. Skilled in backend frameworks such as Django and Flask, and front-end technologies including React.js and AngularJS, enabling the creation of dynamic, responsive user interfaces. Experienced in developing and integrating RESTful APIs, ensuring seamless communication between client-side and server-side systems. Proficient in cloud platforms for deploying and managing cloud-based applications. Well-versed in core web technologies such as HTML, CSS, JavaScript, AJAX, JSON, XML, and jQuery, with a focus on delivering intuitive and responsive UI/UX. Expertise in working with relational and NoSQL databases including MySQL, PostgreSQL, SQL Server, etc. Competent in version control using Git and GitHub, and experienced with project tracking tools like Jira for efficient team collaboration and on-time project delivery.

SKILLS

Methodology: SDLC, Agile, Waterfall
Programming Languages: Python, SQL, PL/SQL
IDES: Visual Studio Code, Jupyter Notebook, PyCharm
Frameworks: Django, Flask, Node.js, Express.js, React.js, Angular
Python Libraries: NumPy, Pandas, Web2py, CherryPy, Requests
Cloud Technologies: AWS, Azure, DataBricks, Docker

Java Technologies: Servlets, JSP, JSTL, JavaBeans, JDBC
Web Technologies: HTML, CSS, JavaScript, AJAX, XML, JSON, jQuery, Bootstrap, Restful API, Redux
Database: MySQL, SQL Server, MongoDB, Firebase, PostgreSQL
Version Control/Other Tools: GitHub, Git, GitLab, Jira
Operating Systems: Windows, Linux, Mac

EXPERIENCE

Kroger   **USA**
Aug 2024 - Present   **Software Developer**

- Engineered full-stack web applications using Java (Spring Boot) for backend services and Angular/React for dynamic, responsive user interfaces, ensuring maintainable and scalable architecture throughout the SDLC.
- Developed and fine-tuned machine learning components in backend workflows using Java APIs and integrated analytical libraries, increasing system intelligence and enhancing real-time business insights.
- Implemented RESTful web services using Spring MVC and integrated them with frontend components, optimizing API response times and improving system interoperability.
- Leveraged AJAX, JSON, JavaScript, and jQuery for asynchronous content updates, reducing latency and refining user experience across multi-page applications.
- Managed and tuned MySQL/PostgreSQL databases by optimizing indexes, stored procedures, and query logic, supporting high-throughput transactions and scalable data access layers.
- Collaborated within Agile teams to deliver iterative releases, contributed to code reviews, and maintained version control using Git and Bitbucket, improving development speed and code reliability.

Mindtree   **India**
Jan 2021 - Jul 2023   **Software Developer**

- Managed Python Full Stack development projects within Agile frameworks, ensuring iterative development, regular sprint reviews, continuous feedback integration, and timely delivery of high-quality software solutions.
- Developed responsive user interfaces using object-oriented JavaScript libraries such as React.js, Angular.js, and Bootstrap, applying strong knowledge of core JavaScript principles to enhance front-end functionality and user experience.
- Established scalable backend applications with Python and Django, complemented by frontend technologies such as HTML, CSS, Bootstrap, JavaScript, and React, delivering intuitive and responsive user experiences.
- Implemented Node.js middleware frameworks like Express.js to develop microservices, reducing development time by 25% and improving system modularity.
- Organized applications on AWS cloud services, enhancing system availability and security, leading to a 40% increase in uptime and reliability.
- Designed and integrated RESTful web services, optimizing JSON-based data exchange for seamless system communication.
- Built and maintained databases while developing Python-based RESTful APIs with Flask, SQL, and PostgreSQL, improving data retrieval speed by 30% and optimizing data management.
- Exploited Jira for bug tracking, issue resolution, and project management, improving team collaboration and reducing project delivery time by 20%.
- Engineered RESTful APIs to enable efficient cross-system communication and seamless data integration.
- Leveraged Git for version control and team collaboration, ensuring a streamlined development process and a consistent codebase.

EDUCATION

Masters in Information Technology   **May 2025**
Central Michigan University   Mount Pleasant, MI