

TANISHKA PATEL

Software Engineer

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PROFILE

Software Engineer with experience across Java, .NET, python and Angular contributing to both frontend and backend components like UI enhancement, API development, and enterprise system stability. Experienced in supporting legacy systems, contributing to application migrations, and assisting with various releases. Actively involved in cross-team collaboration and continuous improvement.

PROFESSIONAL EXPERIENCE

Bank of America, Software Engineer I B

08/2024 – Present | Hyderabad

Application for Q&A (Java, Spring Boot, .NET, Angular)

Worked on the migration of an application code from .NET to Java (using Spring Boot), resolved backend API integration issues and fixed UI defects to improve portal stability.

Banking Application (.NET / Angular)

Worked on Jira issues for a decade-old legacy banking application and configured client call handling using Avaya and Genesys. Analyzed and resolved API and service issues using Postman and Insomnia and developed using .NET Framework, .NET Core, MVC and HTML/CSS.

Integrated modern Angular frontend with .NET backend services and solved server-side .NET security vulnerabilities. Created test scripts in Octane. Hence, supported releases and assisted deployment issues.

Service ID Management Portal (.Net/ Angular)

Developed a live Service ID Management tool using .NET WinForms and built backend services and PowerShell-based API calls. Established database connectivity using impersonation and designed UI components and contributed to stored procedures. Implemented password rotation and access management features and developed backend batch processes and implemented CSL logging.

Automating Manual Tasks (Python)

Prepared python automation script to replace a manual post-deployment review process, enabling automatic validation of deployment requirements, reducing, improving accuracy, reducing effort and turnaround time. Actively working on its continuous improvement and enhancements.

Additional Tasks

Worked on database stored procedures, created release containers and its association with CRQs. Reviewed Jira Epics, Change Request Queries, PPRTs and Release Keys. Contributed in API and database team to a Dynamic Excel Utility project during a campus hackathon.

IIT BHU, Project Intern

07/2023 – 11/2023 | Varanasi

Language Communicator For End Users (LC4EU)

Designed a web page and Word Clouds as a part of frontend team. Analyzed and documented the existing codebase in a structured manner, enabling better understanding of system functionality. Examined the existing status of application and prepared continuous reports for passed and failed test cases.

TECHNICAL SKILLS

Programming Languages — C, C++, Java, JavaScript, SQL, Python, **Frameworks** — .NET Framework, .NET Core, Angular, Spring Framework, **Tools & IDEs** — VS Code, IntelliJ, Netbeans, Eclipse, Visual Studio Professional, Postman, Insomnia, Putty, Crisp, Avaya, Genesys, **Testing** — Octane, Selenium, **Machine Learning and AI** — Pandas, Numpy, Scikit-learn, NLP, LLP, Vector DB, **Big Data Technologies** — Hadoop, Hive, HBase, Pig, **Operating System** — Linux

PROJECTS

Doctor Appointment System, (JSP)

- Designed and developed a web-based application to enable hassle - free doctor appointment scheduling.
- The system allows users to view doctor availability, book appointments efficiently, and reduces manual coordination. Built using JSP, Java, HTML, CSS and Bootstrap.

FaceOps, Facial Recognition (ML/Python)

- A system created for tracking and recording attendance, that uses camera to capture an image of an individual's face and match it to the pre-existing database of faces.
- Technologies used – Tkinter, OpenCV, MySQL, Python. Algorithms – Local Binary Pattern Histograms, Haar Cascade.

CERTIFICATES

- IBM Certification in Machine Learning with Python.
- IBM Certification in DevOps Fundamentals and Agile Methodologies.
- Certificate and Diploma in German Language.
- Recipient of State Awards from Rajasthan Bharat Scout and Guide.

EDUCATION

Bachelors of Technology (CSE), Banasthali Vidyapith	2020 – 2024
CGPA: 9.34	

Senior Secondary School, Banasthali Vidyapith	2019 – 2020
Percentage: 95%	