

Shafayet Hussain

862-283-9226 | Warren, MI

PROFESSIONAL SUMMARY

Software Engineer with 4+ years of hands-on experience in Java, Spring Boot, and full-stack development. Skilled in writing clean, testable code using Java, JUnit, and Mockito, with exposure to automation tools such as Selenium. Knowledgeable in data structures, algorithms, relational databases, and design patterns. Familiar with cloud platforms (AWS, Docker, Kubernetes) and AI-assisted development tools like GitHub Copilot and OpenRewrite. Strong problem-solving abilities, collaborative mindset, and a passion for learning new technologies while delivering reliable solutions.

TECHNICAL SKILLS

Programming Language:

Java: proficient in - Java, J2EE/Jakarta EE, JSP, JDBC, Servlets, JPA, JMS (java messaging service), Hibernate,

Testing: Junit, Mockito, end-to-end testing

Python: NumPy, Pandas

Frontend: Angular, React.js, CSS, HTML, JavaScript

Libraries: Spring Framework (spring Boot, Spring MVC, Spring Security, Spring Data), Bootstrap, Maven.

Databases: MySQL, MongoDB, TOAD, SQL server

Low-Code: PEGA, MuleSoft

Cloud & CI/CD: AWS, Docker, Jenkins, GitHub Actions, GitHub, BitBucket, CyberArk

Enterprise Tools: IBM FileNet P8, JBoss, WebSphere, MuleSoft (API Design, CloudHub)

Agile Tools: JIRA, Confluence, Azure DevOps

AI Tools: GitHub Copilot, OpenRewrite, OpenAI GPT-4, Claude

WORK EXPERIENCE

Application-Developer | Flagstar Bank NA May 2023 – July 2025

Collaborated with ECM(Enterprise content Management) team members and senior developers to maintain, support and enhance IBM FileNet applications for improved system performance and functionality.

Responsibilities:

Maintain various IBM FileNet desktops, Including IBM Case Manager, deployed and managed through IBM WebSphere Application server to ensure seamless integration and system reliability.

Upgraded legacy Java applications from Java 8 to 17 and migrated Spring framework from version 4 to 6 using OpenRewrite AI, aligning with commercial software development practices.

Secured application integrity by remediating clear text passwords from Java application property files, following best practices in the software development lifecycle.

Facilitated commercial document transfer from P8 to Nautilus, demonstrating systematic problem-solving and adherence to repeatable, quantifiable development processes.

Integrated CyberArk Conjur API on GitHub.

Remediated Personally Identifiable Information (PII) from databases, application logs, and Unix files ensuring compliance with security and data protection standards.

Migrated on-premises Red Hat queues to Amazon MQ.

Implemented OAuth on Java applications.

Supported RHEL upgrade for enterprise document management applications.

Troubleshoot complex production issues with P8 applications in a collaborative, agile environment to ensure software reliability.

Created technical documentation and troubleshooting guides for ECM and FileNet systems

Lead the service account password rotation project.

PEGA Developer | Auto-Owners Insurance December 2022 – March 2023

Project: I worked under the TPP web system of Auto Owners Insurance. TPP web system design and develop various insurance quotes for business as well as individuals. The main goal of this team is to automate the process of insurance quotes and reduce the human effort to write and debug code.

Responsibilities:

Developed and enhanced insurance quoting modules in PEGA 7.1.9, reducing manual quoting effort by 30%.

Collaborated with business analysts to define and develop business requirements

Designed PRPC user interfaces (sections, harnesses) and validation rules for business workflows.

Contributed to the development of activities, data transforms, functions, and UI rules

Assisted senior developers in creating validation rules to implement business logic validation

Utilized debugging tools such as Tracer, Clipboard, Live UI, and log files

Participated in bug fixing and code review activities

Used JIRA for project tracking and user story updates

Managed source control using Bitbucket.

Associate Java Full Stack Developer | Infosys USA. January 2022 – November 2022

Developed RESTful APIs using Spring Boot and Hibernate for enterprise client applications.

Involved in Analysis, design and coding in the J2EE environment.

Implement various design patterns such as Factory and Singleton

Implement Spring Framework-based Restful web service.

Implementing SDLC activities, developing Java code, and documenting artifacts based on the pseudo-code provided by my manager.

Delivered enhancements to applications across banking and insurance domains, meeting tight deadlines.

IT Utility Associate | OTG Management | EWR Airport NJ April 2016 – November 2021

Promoted to IT Utility role for resolving 100+ Kiosk and iPad issues, ensured seamless airport operations.

Installed and maintained IT hardware/software across multiple terminals, minimizing downtime.

Personal Projects

Website Development for Mayoral Candidate | Freelance Web Developer July 2024

Designed and developed a professional campaign website for a mayoral candidate of Hamtramck using React.js, HTML, and CSS for the front end, and Spring Boot for the back end.

Deployed and hosted the application on AWS Cloud, ensuring scalability, reliability, and ease of access.

Built a custom voter analytics dashboard using Python, Streamlit, NumPy, and Pandas to provide real-time insights into campaign data.

Successfully deployed the analytics dashboard on Streamlit.io, enabling secure, interactive access for stakeholders.

Collaborated directly with the candidate's campaign team to gather requirements and deliver an engaging, user-friendly digital presence.

Dashboard Design for GTBM | Capstone Project September 2021

Developed a web-based, data-driven dashboard for NJ police department where users can see the daily report on shootings, daily arrests, and the number of tickets.

Used JavaScript's React library to design the frontend and use NodeJS and related libraries for the backend purposes.

I designed the database. Used SQL Workbench and implemented MySQL database.

The live data visualization will help the users to understand daily incidents.

Brothers Traders LLC Webpage | Personal project February 2020

Designed and developed a responsive, user-friendly webpage for Brothers Traders LLC to showcase the store's current inventory.

Built the website using HTML, CSS and JavaScript, ensuring a dynamic and interactive user experience.

Implemented a structured layout with intuitive navigation, improving accessibility

Optimized the site for cross-browser compatibility and basic SEO practices.

EDUCATION

New Jersey Institute of Technology, Newark NJ December 2021

Bachelor of Science in Information Technology. GPA 3.51

Dean's List: Spring-2021, Fall-2020, Spring-2020| NJIT college of computing.

ACCOMPLISHMENTS & HONORS

Media coordinator, Bangladesh Student Association of NJIT.

AWS Cloud Practitioner Certificate.