

MUSKAN KARNANI

Full Stack Developer

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SUMMARY

With over 4 years of experience as a software engineer, I specialize in Java, Spring Boot, Angular, Node.js, Unix, Oracle SQL, HTML/CSS, TypeScript, and more. My work includes designing and implementing robust solutions, collaborating effectively across teams, and ensuring adherence to security standards and best practices. I am passionate about continuous learning and innovation, always seeking new challenges to further enhance my skills and contribute to impactful projects.

EXPERIENCE

Software Engineer 09/2020 - Present
HSBC Software Development Private Limited (HSDI) Pune

- Leading global banking and financial services provider
- Core Developer for WMS (Wolf Management Service) at HSBC, replacing the vendor product Fircosoft Business Utilities. Utilized Java, Spring Boot, Angular for frontend GUI, and backend processes including batch import. Enhanced WMS with audit, deployment scheduling, server refresh functionalities, earning appreciation from business functions and the product team for its comprehensive features and efficiency
 - Revamped and optimized an existing cross-regional data extractor, significantly improving its performance and functionality for use by all regions to pull data from diverse databases
 - Designed and implemented a Java log watcher utility for monitoring and analyzing logs from the vendor product Fircosoft backend components, enhancing system reliability and performance. Received Pat On The Back award for the same
 - Developed and maintained multiple Java reporting utilities within the project, customizing reports to meet diverse business requirements and ensuring timely delivery to stakeholders
 - Managed deployments using Jenkins CI/CD pipelines and Ansible, ensuring seamless integration and automation. Provided support using monitoring tools such as E2 and Control-M for efficient system monitoring and maintenance
 - Utilized Agile methodologies for rapid development from prototyping to final implementation
 - Collaborated with developers and QA engineers for optimal feature design/implementation, specializing in building RESTful web services using Node.js or Spring Boot for microservices architecture
 - Conducted thorough code assessments during testing to identify and resolve glitches and bugs
 - Created detailed design documents, user manuals, release notes and other related documentation
 - Collaborated with support team to assist client stakeholders with emergent technical issues and develop effective solutions
 - Handling BAU activities and providing Production Support

Project Intern 06/2019 - 12/2019
IIT Delhi Delhi

- Pioneering engineering and technology research hub
- Worked on detection of moving objects using the depth images obtained from Microsoft Kinect V2
 - Applied background subtraction on the depth images to remove noise and implemented k-means clustering algorithm to predict trajectory of underwater objects.

EDUCATION

Bachelor of Technology, Computer Science 2016 - 2020
Banasthali Vidyapith Jaipur

Senior Secondary (ISC) 2016
Lucknow Public Schools and Colleges Lakhimpur Kheri

Higher Secondary (ICSE) 2014
Lucknow Public Schools and Colleges Lakhimpur Kheri



ACHIEVEMENTS

- Certified Google Cloud Associate Cloud Engineer (2024)
- Successfully completed the prestigious Enterprise Engineer Program (EEP) at HSBC in 2023, mastering technical skills and high-performance behaviors through rigorous modules, immersive trainings, case studies and collaborative projects
- Won the hackathon #HerHack organised in partnership with Google in 2023 and created MoM AI product using cloud services, Python and Angular for UI development
- Participated in a hackathon called #HackForGood in 2023 and developed a language translator processing utility
- Secure Code Warrior: Orange & Yellow Belt - Java Spring (2022 update)
- Received Circle of Excellence Award for the remarkable performance in Q1 2022
- Volunteered for Education of underprivileged children at Phoenix Week organized by team CORONA at Banasthali Vidyapith

SKILLS

Java8 · TypeScript · Angular · HTML/CSS · Linux/Shell Scripting · Oracle SQL · Agile · Jenkins · GitHub · Springboot · Python · MATLAB · Leadership Skills · Problem Solving · Creative Thinking · Communication Skills