Nischal Dwaral

Full Stack Developer | Gloucester, UK | (+44) 07923879223 | nischal.dwaral@gmail.com |
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PROFILE

Skilled and results-driven full-stack developer with over 3 years of experience and a master's degree in computer science. Recognised for developing robust microservices on cloud platforms, driving continuous delivery of business value in backend development and crafting responsive UI web applications, seamlessly blending backend functionality with an intuitive user experience. Possess expertise across the entire software development life cycle using cutting-edge technologies, including Java, JavaScript, Spring Boot, React, and C# .Net, following agile methodologies and test-driven development.

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript, Spring Boot, React JS, JUnit, TypeScript, Mockito, C#.NET
Tools & Platforms: Jenkins, SonarQube, ELK, Docker, Jira, Confluence, Git, Apache Kafka, Gradle, Maven, Figma
Cloud & Databases: SQL, NoSQL, MySQL, Firebase, Elasticsearch, Redis, PostgreSQL, MongoDB, AWS, Kubernetes

PROFESSIONAL EXPERIENCE

Absolar Solutions Ltd., Southampton, UK   **June 2023 - August 2023**
Full Stack Developer

- Led agile development of web-based Geographic Information System application optimising project management workflows; drove requirements gathering, prototyping, architecture and UI design, and development.
- Built REST API C# .Net backend and React TypeScript frontend, enabling enhanced data visualisation, editing map-based polygons, and reporting to reduce project manager task time from 40 minutes to 3 minutes per task.

Rakuten India Pvt Ltd., Bengaluru, India   **January 2020 - August 2022**
Full Stack Developer (SDE-1):

- Implemented UI dashboards for cluster metrics tracking, debugging, and request tracing, eliminating a $500/month subscription cost.
- Spearheaded deployment efficiency by configuring CI/CD pipelines to optimise cloud rollout and streamline various testing processes—unit, integration, and user testing, resulting in a significant increase in code quality.
- Mentored two summer interns, guiding them through code reviews, pair programming, and daily sessions on software best practices. Facilitated the completion of R&D projects and helped both interns secure full-time roles.

Associate Software Developer:

- Developed the core backend using Java and Spring Boot to scale up to handle millions of chat conversations daily by leveraging software design, automated testing, CI/CD, and agile workflows.
- Designed and developed a robust chatbot creation platform, utilising JavaScript and React to serve 70 services.
- Implemented an analytical tool using Spring Boot, ReactJS, and the NoSQL database, resulting in a 30% improvement in clinical data visualisation.
- Received the "Employee of the Month" award for June 2021, showcasing consistent dedication and exceptional performance.

EDUCATION

MSc in Computer Science - University of Southampton.   **September 2022- September 2023**
Grade: 1st [Distinction]   Southampton, United Kingdom

Bachelor of Engineering in Information Science and Engineering - Bangalore University
Grade: Distinction   Bangalore, India

PROJECTS

Master's Dissertation: Java Documentation Comments Coverage- Missing Link in your CI/CD Pipeline
June 2023- September 2023 | Demo Link

- Developed a Spring Boot and ReactJS platform integrated with Firebase, scanning GitHub Java codebases to analyse and display documentation comments coverage, metrics, and code views, facilitating efficient documentation quality.
- Produced design documentation (architecture, class diagrams, database, UI mock-ups) and received positive feedback from 91 survey participants, endorsing the application's necessity.

Find Service | March 2023 - April 2023 | Demo Link

- Developed a prototype web application to efficiently connect users with screened and reliable service providers across diverse industries, simplifying the search for public services and ensuring customer satisfaction.