

Nikhil Kanukuntla

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PROFESSIONAL SUMMARY

High performing Software Engineer with two years of experience expertly translating business requirements to well written, well tested code. Confident in ability to lead a functional programming approach with a hunger for code optimisation. Comfortable working effectively across a technical stack and creating engineering solutions to meet shareholder requirements in line with best practices. Committed to continuous improvement and team success through diligent documentation and proactive communication.

SKILLS

- **Programming languages and frameworks:** HTML, CSS, JavaScript, TypeScript, Vue, Java 17, Spring Boot 3.0
- **VSC, Build, API, Audit Tools:** Git, Maven, Gradle, Sonar Cloud, New Relic, Webpack, Swagger
- **Database:** MongoDB, MySQL, SQL Server, Redis
- **Microservices:** Docker, Apache Kafka
- **DevOps:** Azure Pipelines, GitHub Actions, Netlify
- **Cloud:** AWS, Azure - AZ-900, DP-900, AI-900 Certified
- **Testing Frameworks:** JUnit, Mockito, Cucumber, JMeter
- **Agile:** Jira, Confluence
- **Design Tools:** Figma, Miro
- **Command Line:** Bash, cURL, Powershell

EXPERIENCE

Tata Consultancy Services (Marks and Spencers client)

London, UK

Software Engineer

April 2022 – Present

- Developed access management for suppliers to independently manage their organisation within a centralised application, slashing work orders by 50%.
- Conducted a code audit of several core repositories with Sonar Cloud, removing all detected bugs and critical code smells in our Java Spring application.
- Led caching integration via Redis to limit data fetching and processing from taking several minutes to under a tenth of a second, leading to a 30% increase in average order completion.

Nightingale HQ

Cardiff/London, UK

Junior Software Engineer

Feb 2021 – March 2022

- Transformed front end for public application using Vue 3 + TypeScript to improve state management and address #1 user request.
- Established a Jamstack Hugo site hosted on Netlify with a CI/CD Github Actions pipeline enabling 150+ global researchers to secure and centralise research data.

PERSONAL PROJECTS

Generative Fractal Trees (JavaScript, Canvas API)

- Visualized fractal data to clarify mathematical concepts for A-level students.
- Explored generative functionality to recursively add fractal diagrams and support interaction.
- Integrated code documentation and tutorials via Github, helping reinforce active learning.

E-Commerce Application (Java, SpringBoot)

- Prototyped an E-Commerce implementation to explore Java 17 and latest Spring features.
- Experimented with persistence frameworks like MyBatis to expand my knowledge of the Spring ecosystem.

EDUCATION

King's College London

London, UK

English BA Hons (First Class Honors)