

Nikhil Mishra

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EXPERIENCE

System Engineer

Oct. 2022 – Present

Tata Consultancy Services

Thane, TH

- Wrote unit and integration tests with JUnit and Mockito, which helped increase overall test coverage by 30%
- Used Git for managing code and collaborating with the team, making development smoother and more organized.
- Set up and maintained CI/CD pipelines using Jenkins and Maven to speed up deployments and make them more dependable
- Developed REST APIs using Spring Boot and Angular for efficient data transfer between backend and frontend
- Enhanced system efficiency by 20% through the development of robust and scalable backend applications utilizing Java, Spring Boot, and PostgreSQL, focusing on optimized database queries and API performance tuning.
- Designed and implemented Kafka-based messaging systems, enabling real-time data streaming and improving processing speeds by 25%
- Collaborated with cross-functional teams in an Agile development environment, achieving 100 % sprint completion rates for high-priority deliverables
- Created and maintained RESTful APIs to facilitate seamless integration between backend systems and frontend applications, supporting 5,000+ daily users
- Led a team of 10 software engineers, supervising both technical and administrative tasks, successfully gath requirements and implementing key functionalities to m project goals.
- Ensured software quality through rigorous testing and adherence to best practices, resulting in a 15% reduction in post-deployment issues.
- Acted proactively to understand internal and external client needs, offering advice and innovative solutions to enhance customer satisfaction.

Graduate Engineer

Oct. 2021 – Oct. 2022

Tata Consultancy Services

Thane, TH

- Contributed hands-on experience working on SAST (Static Application Security Testing) and DAST (Dynamic Application Security Testing) tools to ensure application security by identifying and resolving vulnerabilities in both the codebase and runtime environment
- Contributed to updating the technology stack by adopting modern frameworks and tools, including Angular 15 and the latest Spring Boot versions, to enhance application performance, scalability, and maintainability.
- Managed 4 microservices concurrently, implementing robust security measures and ensuring the development of secure, high-quality code
- Participated in code reviews, providing constructive feedback to peers and promoting adherence to best practices

PROJECTS

Resourcing | *Java, Angular, PostgreSQL*

Oct. 2021 – Present

- Created a full-stack web application using with Java serving a REST API with Angular as the frontend
- Led the development of a resource allocation platform where associates could select projects based on their skill sets, improving project-team matching
- Designed and implemented a resource management system that empowered associates to choose projects based on their competencies, streamlining the assignment process for project managers and ensuring the right skills were applied to each project, enhancing team performance and project outcomes

TECHNICAL SKILLS

Languages: Java, , SQL (Postgres), HTML/CSS

Frameworks: Angular, JUnit, Spring Boot

Developer Tools: Git, VS Code, IntelliJ, Eclipse

Others: Agile, Jenkins, Maven, Burp Suit, REST API, Microservices

EDUCATION

Mumbai University <i>Bachelor of Science in Computer Science, Viva College</i>	Mumbai, MH <i>July. 2017 – October 2020</i>
Maharashtra State Board <i>Higher Secondary Certificate, Adarsh Education Society</i>	Mumbai, MH <i>July. 2015 – October 2017</i>

AWARDS

Service and Commitment Award <ul style="list-style-type: none">Dedicated 3 years to TCS, demonstrating a strong passion for coding and continuous learning, while contributing to impactful projects and enhancing technical expertise	Oct. 2024 – Oct. 2026
Star of the Month <ul style="list-style-type: none">Successfully deployed our project live, earning recognition as the 'Star of the month' for the ourstanding performance and dedication	Dec. 2023 – Present