

Nishant Kumar Mishra

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Professional Summary

Software Engineer experienced in building scalable distributed systems and full-stack applications using Java, React, and AWS/GCP. Strong foundation in Data Structures, Algorithms, and Cloud DevOps. Passionate about delivering high-impact, customer-focused solutions.

Technical Skills

Languages: Java, SQL, Python, C/C++

Frameworks & Tools: Spring Boot, J2EE, servlet, Angular, Vue, ReactJS, Prime NG, AG Grid, ORM, Flask, Django, Jenkins, Docker

Databases: MySQL, MongoDB, DynamoDB, Athena

Cloud & DevOps: GCP, CI/CD, S3, SQS, Lambda

Testing & Methodologies: Unit/Integration Testing, Selenium, Agile, DevOps, REST APIs

Work Experience

Software Engineer | Pysellers Services, Chennai

Apr 2025 - Aug 2025

- Built AI-powered Automation Testing Tool enabling users to upload code, detect errors, and generate fixes using OpenAI, reducing debugging time by 70%.
- Developed secure authentication (JWT), RAG-based chatbot for instant support, and admin panel for monitoring logs & performance trends.
- Designed and deployed CI/CD pipelines with Docker + Jenkins on GCP, ensuring high-availability deployments.
- Tech Stack: Java, ReactJS, Flask, MongoDB, Docker, Jenkins, GCP, REST API

Data Analyst – Associate | Piquant Consultancy Services Pvt. Ltd , Chennai

Sept 2024 - Mar 2025

- Automated data extraction with Selenium (Java), reducing manual effort in large-scale web data collection.
- Designed SQL queries and optimized MySQL databases to ensure reliable ETL workflows.
- Built interactive dashboards in Power BI and Tableau for visualizing business-critical metrics.
- Tech Stack: Java, SQL, Selenium, Power BI, Tableau, Data Mining

Software Developer | HCL Technologies, Chennai

Jul 2022 – sept 2022

- Developed a full-stack Vehicle Booking System using Spring Boot (Java) + ReactJS, enabling real-time booking and admin control.
- Built REST APIs for user registration, login, booking management with a secure backend.
- Integrated React frontend with backend APIs for smooth end-to-end user experience.
- Tech Stack: Java, Spring Boot, ReactJS, MySQL, REST API

Project Work

- AI-based Testing Assistant (2025):** Automation tool using OpenAI API for intelligent debugging and error correction of code.
- Employee Management System (2024):** Full-stack CRUD app with Spring Boot + React + MySQL, featuring authentication, employee search, and pagination. Deployed on AWS.

Education

B.E. in Computer Science and Engineering

CGPA: 7.96/10

Sathyabama Institute of Science and Technology | Aug 2020 – Jun 2024

Relevant Coursework: OOP, Databases, Data Structures & Algorithms, Operating Systems

Awards and Certificates

- Problem Solving:** Solved 500+ problems on LeetCode & GeeksforGeeks (Ranked 1 on GeeksforGeeks).
- Certified in Data Structures & Algorithms using Java (NPTEL).
- Winner – Dev Wizards Hackathon, Sathyabama University.