Sourav Nandi

Senior Systems Engineer

Backend Developer with 3+ years of experience in building scalable microservices and RESTful APIs using Java and Spring Boot. Skilled in delivering efficient, maintainable solutions and resolving complex backend issues in Agile environments.

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Portfolio: souravnandi.github.io/

LinkedIn: linkedin.com/in/sourav-nandi-it/

GitHub: github.com/sourav8617

WORK EXPERIENCE

Infosys Limited | Senior System Engineer   Jun 2022 - Present

Dataways (Logistics Shipping Company)
- Developed the 'Cargo-Selection' module from scratch, handling cargo journeys and bookings.
- Designed and implemented a scalable microservice architecture using Java and Spring Boot.
- Collaborated with architects and cross-functional teams to gather and refine technical requirements.
- Utilized REST APIs and AWS services to enhance reliability, scalability, and efficiency.
- Delivered high-quality, production-ready code within Agile development cycles.
- Improved system integration and performance by applying industry best practices.

SKILLS

Language:	Java
Frameworks:	Spring Boot, Hibernate, JPA, JDBC, Mockito, Junit
Tools:	Maven, SonarQube, Swagger, Jira
Databases:	PostgreSQL
DevOps (CI/CD):	Jenkins, GitLab
IDE:	Spring Tool Suite, IntelliJ IDEA, VS Code
Web Technology:	HTML, CSS, JavaScript
Cloud:	Azure, AWS

EDUCATION

Jalpaiguri Government Engineering College, Jalpaiguri
Bachelor of Technology (ECE) - 7.3 CGPA   Aug 2017 - July 2021

PROJECTS

WIRELESS MASK DETECTION WITH DRONE FOR SURVEILLANCE | LINK
Mask Detection project uses a computer vision algorithm to detect if a person is wearing a face mask while acquiring and analyzing face data before access granted.
Technology used – PYTHON, Open CV, MATLAB

FIND DFT AND DTFT
The objective of the project was to record the sound of a stone dropped in water and find the frequency which caused had the maximum amplitude. For this, I used the principle of DTFT to process the signal to the frequency domain and found the most dominant frequency in MATLAB.
Technology used – MATLAB

CERTIFICATIONS

Microsoft Certified AZ-900 | CERTIFICATE
AWS Certified Cloud Practitioner | CERTIFICATE
Infosys Certified Spring Associate & Java SE8 Developer