

# Amiya Dey

8170015969 | [amiya1999dey@gmail.com](mailto:amiya1999dey@gmail.com) | [LinkedIn](#)

## SUMMARY:

Experienced front-end developer with 2 years of demonstrated proficiency, complemented by foundational backend technology expertise.

## TECHNICAL SKILLS:

- Frontend – HTML5, CSS3, JavaScript, TypeScript, Angular, React
- Backend – Spring Boot, Node.js
- DevOps – Ansible
- Database – MySQL
- Testing – Jasmine-Karma, Cypress, Cucumber
- Additional Programming Languages – Java, Python, C

## EXPERIENCE:

### Software Developer - IBM | AUG 2022 – APR 2024

- Designed and developed microservices-based web applications using Angular for frontend, Spring Boot and Node.js for backend, and MySQL for database storage, resulting in a scalable and responsive platform.
- Enhanced application performance and stability by addressing critical issues using SonarQube and ESLint, reducing error rates by 20% through comprehensive troubleshooting and code fixes.
- Created and executed comprehensive test suites, increasing test coverage by 25% and ensuring robustness of applications.
- Delivered multiple projects requirements within Agile sprints, meeting deadlines and exceeding project requirements.
- Collaborated with cross-functional teams to gather requirements and translate them into technical specifications, consistently meeting or exceeding project expectations.

### Software Engineer Trainee – Persistent System Limited | FEB 2022 – JUL 2022

- Acquired proficiency in full stack development, gaining hands-on experience with various frontend and backend frameworks.
- Contributed to code reviews, identified areas for optimization, and implemented enhancements to improve application performance and user experience.
- Engaged in continuous learning and professional development, keeping abreast of industry trends and best practices.

## PROJECTS:

### ❖ Car Sharing Website | NOV 2021 – JAN 2022

This website is created for people who want to share their rides with other passengers and earn a quick buck in the process as well.

Technologies – JavaScript, Node.js, MySQL

### ❖ Automated installation of Cloud Pak | AUG 2023 – NOV 2023

Automated installation of Cloud Pak to remove manual intervention and errors in order to achieve more efficient results.

Technologies – Ansible, Python

## RESEARCH:

### ❖ Machine Learning-Based S-CNN Model for Automated Post-Covid X-RAY Identification

S-CNN automates post-COVID X-ray analysis, identifying lung patterns for efficient diagnosis and monitoring, enhancing healthcare delivery.

Research publication URL - <https://ieeexplore.ieee.org/document/9941212>

## EDUCATION:

### ❖ B. Tech – Computer Science & Engineering

Dr BC Roy Engineering College, West Bengal, India

2018 – 2022 | 85.4