

Aritra Basak

Full Stack Developer

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PROFILE

Versatile Full Stack Developer skilled in front-end and back-end technologies. Expertise in Java and Spring Boot, enhancing user engagement and system efficiency. Experienced in developing scalable web applications and APIs using modern frameworks and tools. Known for innovative problem-solving and continuous learning.

PROFESSIONAL EXPERIENCE

Ernst & Young(EY)

02/2023 – present | Kolkata

Associate Consultant and Former Intern.

- Developed ABDM Connector v2.0 UI with React.js and Spring Boot, boosting user engagement by 40% and reducing response time by 30%.
- Redesigned ABDM Connector v1.0 UI with React.js, optimizing web pages for improved user experience.
- Implemented Aadhaar Card photo scanning system using Spring Boot, cutting manual errors by 50% and speeding up processing by approximately 60%.
- Developed some Java services using advanced multithreading techniques, increasing the productivity of health records linking for the West Bengal Government by over 100%.
- Engineered a Python script for medical insurance fraud detection, significantly augmenting the system's ability to identify fraudulent claims by an impressive 70%.
- Built an API using Python and Gen AI with its own data source to serve as a chatbot, providing users with basic information without human interaction.

Suven Consultants and Technologies Pvt. Ltd.

07/2022 – 08/2022 | Kolkata

Internship.

Interned with the company, where I actively improved and upskilled my proficiency in core Java. Additionally, I applied my knowledge by successfully developing Java projects based on core Java principles to reinforce my learning.

ESL Technology

06/2021 – 07/2021 | Kolkata

Internship.

Interned with the company, where I learnt the basics of Microsoft Azure Cloud and Power BI. During my internship, I developed a project focused on processing Covid-19 data sets in Azure Cloud and displaying the results on a dashboard in Power BI.

EDUCATION

Narula Institute of Technology

2019 – 2023 | Kolkata

B-Tech

Graduated in Electronics and Communication Engineering from Narula Institute of Technology with 9.00 DGPA.

SOFTWARE PROFICIENCY

Java | Python | JavaScript | Spring Boot | Spring MVC | REST API | GraphQL | Gen AI | React JS |
Rabbit MQ | HTML5 | CSS3 | Bootstrap | Tailwind CSS | SQL | Mongo DB

PROJECTS

GraphQL.

Technologies Used: Java, Spring Boot, Postman API.

As a Java developer, I have successfully implemented GraphQL in a Spring Boot Application integrated with an in-memory database.

Modernizing Data Connection Mechanism.

Technologies Used - Java, Spring Boot, HikariCP, MySQL, Grafana, Prometheus.

Developed a POC using Spring Boot, HikariCP, Grafana, and Prometheus to demonstrate the efficiency of a modern connection pool mechanism over the traditional data connection methods and monitoring in real-time.

Doctor Appointment Booking Site.

Technologies Used - Spring MVC, Java, HTML5, CSS3, Bootstrap, MySQL.

Designed and implemented a doctor appointment booking site using Spring MVC, handling both front-end (HTML, CSS, JavaScript) and back-end (Java, Spring MVC) development.