Aritra Basak

Full Stack Developer

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PROFILE

Seasoned Web Developer blending design with programming to deliver immersive user experiences. Self-taught Java Programmer with a 5-Star HackerRank Rating. Passionate Spring Boot developer committed to crafting scalable, efficient code.

PROFESSIONAL EXPERIENCE

Ernst & Young(EY)   02/2023 – present
Senior Analyst in Technology Consulting and Former Intern.   Kolkata
- 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%.
- Created Health Registration Pages for the West Bengal Government.
- 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
Internship.   Kolkata
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
Internship.   Kolkata
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
B-Tech   Kolkata
Graduated in Electronics and Communication Engineering from Narula Institute of Technology with 9.00 DGPA.

Julien Day School   2018 – 2019
Higher Secondary   Kolkata
Field of Study- Science.
ISC, Marks Obtained - 79%

Julien Day School   2016 – 2017
Secondary   Kolkata
Field of Study - General.
ICSE, Marks Obtained - 82%

SOFTWARE PROFICIENCY

| Java | Spring Boot | REST API | Graph Ql | Gen AI | React JS | HTML5 | CSS3 |

| Bootstrap | Tailwind CSS | SQL | Mongo DB | Python |

PROJECTS

Graph QL. 🔗
Technologies Used: Java, Spring Boot, Postman API.
As a Java developer, I have successfully implemented Graph QL 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.

Personal Portfolio. 🔗
Technologies Used - HTML5, CSS3, JavaScript.
As a skilled developer, I have designed and developed a personal portfolio website using HTML5, CSS3, and JavaScript. I leveraged my expertise in front-end development to create an engaging and responsive user interface that effectively showcases my skills and experience.

Doctor Appointment Booking Site.
Technologies Used - Spring Framework, Java, HTML5, CSS3, Bootstrap, MsSQL.
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.

Weather App. 🔗
Technologies Used - React Js, HTML5, CSS3.
The Weather App, built with React JS, provides accurate, real-time weather information for various locations, helping users plan activities and stay informed.