Ritam Chakraborty

Fullstack Developer | West Bengal, India | postbox.ritamchakraborty@gmail.com | +918945008966

EXPERIENCE

CRESEN SOLUTIONS | SOFTWARE ENGINEER
Aug 2022 - Present | Remote
- Developed and maintained features in a **Spring Boot**, **Microservices** and **Angular** application, ensuring reliable and efficient performance.
- Assisted in front-end styling changes and refined the UI for mobile devices, leading to 20% improvement in user engagement.
- Provided technical support to other teams.
- Mentored junior developers, helping them to improve code quality and boost productivity.
- Participated in technical interviews, helping identify 2 highly skilled candidates who joined the team.

COGNIZANT | PROGRAMMER ANALYST
Oct 2020 - Aug 2022 | Kolkata
- Worked in multiple client projects simultaneously involving multi module maven, GWT project with MySQL enhancements, debugging and database analysis.
- Increased efficiency by 90% by automating the process of finding non-overridden upgrade files.

PROJECTS

RETURN ORDER MANAGEMENT
Web app to place order for integral and accessory item
- An end-to-end application built with **Spring Boot** and **Angular**.
- Backend leverages the **Microservices** architecture provided by **Spring Cloud**, and uses **Service Discovery**, **Feign Client**, **API Gateway**, **JWT** based authorization to structure the application.
- **Dockerized** the application and deployed leading to improved scalability and reduced deployment time.
- Frontend utilizes **Angular Material** to create the UI.

Project GitHub url | Deployed Application url

HASHED IT
API to generate hash output from text input
- A full-stack project developed with **Spring Boot**, making use of the **Thymeleaf Template Engine**.

Project GitHub url | Deployed Application url

N-QUEEN VISUALIZER
Visualizer application for optimized backtracking algorithm
- A **React**-based tool for visualizing the N-Queen problem using an improved backtracking algorithm with **Dynamic Programming**.

Project GitHub url | Deployed Application url

EDUCATION

TECHNO INDIA UNIVERSITY
B.TECH. IN COMPUTER SCIENCE AND ENGINEERING
2016-2020 | Kolkata, India | CGPA: 8.46

LINKS

- Portfolio
- LinkedIn
- Github
- Leetcode
- HackerRank
- StackOverflow

ACHIEVEMENTS

- 35+ repositories, 500+ commits in 2023 in Github.
- 5 star rating in Problem Solving, Java, Python, JavaScript, C, SQL in HackerRank.
  100+ problems solved in LeetCode.
- 400+ reputation, 13 question answered in StackOverflow.

SKILLS

PROGRAMMING
- Java • JavaScript • TypeScript • Dart • Bash
- MYSQL

TECHNICAL SKILLS
- Strong understanding of **Core Java**, **JDBC**, **Collections**, and **Streams**. Built cli games like Tic-Tac-Toe, 2048.
- Worked in backend and full stack application development using **Spring Boot** with the grasp of **Microservices** Architecture. Created an application named Hashed-It.
- Proficient in **JPA, Thymeleaf, Spring Security and JWT, Spring Cloud (i.e. Service Registry, Gateway, Config Server) and Docker**.
- Experienced with large scale application development in **Angular**.
- Built small projects with **React**, enthusiastic about **SolidJs**.
  Made the project My Hobbies.
- Strong proficiency in **CSS**. Developed the website CSS Budddyz.
- Interest in cross platform development with **Flutter**. Fabricated projects like Corona Tracker, Currency Converter.
- Grasp on **Data Structures and Algorithms**. Created projects like Christmas Tree, Sorting Visualizer.
- Comfortable with Linux environment and bash programming.
  To control my laptop's brightness created a script Brite.