

Anupam Guin

Full Stack Java Developer with React JS

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Education

B.Tech - Computer Science Engineering **CGPA-8.47**

Templecity Institute of Technology and Engineering

2018-2022

Khurda, Odisha, India

Higher Secondary **Percentage - 81.4%**

Gourhati Haradas Institution

May-2018

Arambagh, Hooghly, India

Secondary **Percentage - 89.4%**

Gourhati Haradas Institution

April-2016

Arambagh, Hooghly, India

Personal Projects

Hostel Administration Application

Feb 2020

Built using - Java Swing, AWT, Oracle (SQL, PL/SQL)

Desktop Application where admin can supervise all the information regarding Hosteler and manage it with a good user Interface.

Personal Project Management Tool



June 2021

Built using - Spring Boot, Spring Security, JWT, React, Redux, Redux-Saga, Axios, JPA, Oracle, Heroku

Project Management tool to track and update tasks under Projects. Frontend using React JS, backend using Spring Boot Rest API & Secure it using Spring Security with JWT & hosted on Heroku.

Technical Skills

Programming Language: C, Java

Back-end Technology: JDBC, J2EE (Servlets & JSP)

Spring Core, Spring JDBC, Spring MVC, **Spring Boot**

Rest API, Spring Security, **Microservice with Spring Cloud**

Reactive Spring WebFlux, Junit, **Apache Kafka**

Front-end Technology: React JS, Redux, Redux-Saga

Micro-Frontend using Webpack & Lerna, **PWA**, JavaScript

HTML5, CSS3, Bootstrap, Axios, Leaflet, **Google Maps**

Highcharts, Jquery-Datatable, Fusion Charts etc

Database: Oracle (SQL + PL/SQL), **Redis Cache**

Technical Skills

Deployment: Git & Github, Linux

Jenkins, **Docker**, Maven

Cloud: AWS, AWS EC2, AWS ECS,

AWS IAM, AWS ELB, AWS ALB

Route 53, S3 Bucket

Certification

- **NPTEL Programming in Java** conducted by IIT Kharagpur - [link here](#)
- **Geeks for Geeks 11th Week DSA Workshop** - [link here](#)
- **Spring Boot Microservices** with Spring Cloud - [link here](#)
- Java Workshop in Panimalar Institute of Technology - [link here](#)
- **Complete React Development** From Udemy - [link here](#)

Activities & achievement

- **Topper 1%** in NPTEL Java Examination conducted by IIT KGP with **97% Score** - [link here](#)
- Attending **Ethical Hacking Workshop** at IIT Kharagpur - [link](#)
- Five Star Java Profile in Hacker Rank
- Participating National Level Inter College Project Competition - [link here](#)
- A **Blood Donor** to help people in Emergency

Areas of Interest

- Design, Develop, Deploy, Troubleshooting
- Leadership & Presentation
- Update Myself & Learn New technologies

Work Experience

 eTrans Solutions

 July 2021 - Present

 Full Stack Java Developer

- Developed and implemented a Stock Management System with various Features using **React** and **Redux**, **Redux-Saga** to develop Frontend and **Spring Boot Microservices with Spring Cloud Gateway**, **RabbitMQ**, **Eureka**, **Spring Security**, **JWT**, **Redis**, and **Postgres**. Proficient in developing Frontend as well as Backend.
- Expertly **designed** and developed multiple **Highly Functional** Dashboards to Fulfill Customer requirements. Utilized Technologies such as **HTML**, **CSS**, **JavaScript**, **Google Maps**, **Highcharts**, and **Fusion Charts** for UI and **Spring Boot REST API**, **Spring Security**, **Spring JDBC**, **Redis**, and **PostgreSQL** for the backend. Implemented interactive Charts, **Various features on Maps**, and other Visual aids to enhance User experience and effectively Communicate Solutions to Transportation-related **Problems**.
- Implemented **Scheduler** using **Spring Boot** to send **GPS Vehicle** Information on a Scheduled Time. Utilized **Spring Task Scheduler** to schedule and trigger the task at specified intervals. Configured the scheduler to send the GPS data to a specified endpoint for **Realtime Tracking** of the Vehicles. Implemented **Error Handling** to ensure reliable Delivery of the GPS data.
- Implemented secure **RESTful API** using **Spring Boot**, **Spring Security**, **Spring JDBC**, **Redis**, and **API Key Authentication** for GPS data.
- Provided support and implemented new changes on existing web application & **Fixed Customer-end issues** utilizing technologies such as **HTML**, **CSS**, **AngularJS**, **jQuery**, **Java**, **JSP**, **Servlet**, **JDBC**, and **Hibernate**.
- Designed and Developed a **Real-time Vehicle Tracking Application** with a bundle of features Independently, e.g., **Tracking Vehicle on map (like Uber)**, **Asset Position**, implementing **Geofence**, etc., Leveraging **Java Microservice Architecture with Spring Boot** including Technologies like **Spring Cloud Gateway**, **Eureka Discovery Service**, **Resilience4j**, **RabbitMQ**, **Spring Security**, **JWT**, **Spring JDBC**, & **Redis**. Utilized **React**, **Redux**, **Redux Saga**, **Axios**, **Google Map**, and **Leaflet Map** to create a User Friendly Front-end and Deploy it using **Git**, **Jenkins** & **Docker**. Demonstrated expertise in **Independently** Delivering Complex and High Performing Solutions.
- Solved real-time Problems like if a Truck is Stolen by a Thief, then from the Application, the truck can be locked and the **ignition turned off** using **Java Socket Programming**. Responsible for **Designing**, **Developing**, **Troubleshoot**, **Supporting** & Solve Customer-ended issues with Appropriate Solutions.
- Have experience in implementing **Two Factor Authentication** and **Google Recaptcha** to Protect from Spam and Abuse.
- **Distributed Caching Mechanism** that Supports Multiple **Nodes** with Quick uses of **Cache** for **decrease the DB Hits** and improve the **Performance**.
- Spearheaded the Development and Deployment of a **Micro-Frontend Architectures** within **React** application, Utilizing **Webpack 5**, **Lerna**, **Babel**, **React JS** and **ModuleFederation Plugin**. This Initiative enhanced **Modularity** and **Scalability**, dependency & **Components Sharing**, **Caching**, **Optimization**, **Compression** like **GZIP** & **Brotli**, enabling Independent Deployment via **CI-CD Pipelines**. Demonstrating the Architecture's **Efficiency in Facilitating Faster**, more Flexible Development Cycles. Successfully implemented **Git**, **Jenkins Pipelines**, **Docker**, **Nginx** for seamless Deployment, Created **Progressive Web Apps (PWA)** to install Web applications on Desktop or mobiles and other features.