Biswajit Das

Full Stack Developer

+91 8249267182
Bhubaneswar
biswajit.007.private@gmail.com

Portfolio: biswajitdas.dev
github.com/biswajitdas-007
linkedin.com/in/biswajit-das-developer

SKILLS

Frontend Technologies	HTML, CSS, **JavaScript**, **TypeScript**, React.js, Redux, NextJs, Tailwind, Bootstrap
Backend Technologies	Java Spring Boot, Node.js, Express.js, JWT, Oauth2.0
Database Management	**PostgreSQL**, **MySql**, **MongoDB**
Cloud Computing	**AWS**, Azure
Development Tools	**Docker**, **JIRA**, **Postman**, **Git**

TECHNICAL EXPERIENCE

INDUS NET TECHNOLOGY   **FEB 2022 — Present**

Projects

1. Bima Dost   **NOV 2023 — Present**

- Developed a multi-partner insurance platform to streamline sales and management for agents and insurers, enabling efficient policy purchasing and commission tracking across diverse insurance ecosystems.
- Leveraged **React JS**, **Redux**, **Axios**, **Bootstrap**, and **Java Spring Boot** to architect a robust, intuitive system that handles high transaction volumes seamlessly.
- Delivered key features like multi-partner price comparison, integrated payment solutions, automated policy document retrieval, a commission analysis dashboard, real-time premium calculations, and seamless API integrations with multiple insurance aggregators.
- Led backend development and third-party integrations, building and optimizing **RESTful APIs**, implementing secure payment gateways, designing an automated document retrieval system with cron jobs, and ensuring real-time data synchronization across partners while collaborating with frontend and product teams.
- Pioneered a performance monitoring system that reduced API response times by 35%, enhancing user satisfaction and enabling scalability during peak usage periods.

2. Cutting Center   **JULY 2023 — JAN 2024**

- Created a full-stack custom material cutting platform, empowering users to upload design files, receive automated measurements, select materials, and process orders with integrated shipping, revolutionizing the material processing workflow.
- Utilized **React.js**, **Node.js**, **Express**, **MySQL**, **Python Flask**, payment gateway APIs, and file processing tools to deliver a seamless, end-to-end user experience.
- Implemented standout features including design file analysis (.eps, .dfx, .ai), automated dimension calculations, a material selection system, a dynamic pricing engine, shipping integration, order tracking, cart management, and secure payment processing.
- Took charge of end-to-end development, building a **Python Flask API** for precise file analysis, designing a real-time pricing system in **Node.js**, handling file uploads and processing, integrating payment and shipping systems, crafting an optimized database schema, and developing a responsive frontend that ensured cross-device compatibility.
- Enhanced system efficiency by integrating **AWS S3** for file storage, reducing processing times by 30% and enabling high availability for large-scale file uploads.
- Collaborated with design teams to refine UX, achieving a 20% increase in user retention through intuitive navigation and faster order completion workflows.

3. Emotionise   **APR 2022 — JULY 2023**

- Designed and developed "Emotionise," an innovative web platform that dynamically displays emotions on websites based on predefined user inputs, creating an engaging and personalized user experience.
- Built the system using **React.js**, **Node.js**, **Express**, and **MongoDB**, integrating real-time emotion detection logic and responsive UI components.
- Engineered core features including input-based emotion mapping, animated UI responses (e.g., color shifts, text effects, and dynamic visuals), customizable emotion presets, and a backend API to process and store user interaction data.
- Led the development of a lightweight **RESTful API** to handle emotion triggers, achieving a 50% reduction in latency for real-time updates by optimizing server-side logic.
- Integrated third-party sentiment analysis tools to enhance emotion accuracy, collaborating with product teams to fine-tune the algorithm based on user feedback.

EDUCATION

Web Development, *Masai School, Banglore, India*   MAR 2021 - DEV 2021
BSc ITM, *Lakshya Institute Of Technology, Bhubaneswar India*   JUL 2017 - NOV 2020