

SUDIP GHARA

Full Stack Developer

+91 6294528036 | sudipghara135@gmail.com | LinkedIn | Github | Portfolio | Kolkata, India

PROFESSIONAL SUMMARY

Experienced Full Stack Developer with over 2 years of professional experience, adept in all stages of modern web development. Skilled in building responsive UIs, secure backend services and scalable full-stack systems, with proven experience designing, developing, testing and maintaining high-performance applications. Strong technical expertise in React, Next.js, Node.js, Express, MongoDB, AWS Lambda, DynamoDB, Three.js, Redux and Tailwind CSS. Known for clean UI/UX delivery, performance optimization and secure authentication flows, with the ability to manage full-stack responsibilities independently while collaborating effectively in team driven environments.

EXPERIENCE

Full Stack Developer - Blownfuse Softlabs India Pvt. Ltd. (Kolkata, India) | March 2025 - Present

- Developed and maintained full stack applications using React, Next.js, Node.js and MongoDB, delivering pixel perfect UI/UX with modern animations to enhance user engagement across multiple platforms.
- Built scalable backend systems using AWS Lambda, API Gateway, DynamoDB and WebSockets, including real time game engines with complete game logic, event handling and multi user synchronization.
- Designed and implemented an LLM powered RAG system using AWS Bedrock for a steel manufacturing plant, ingesting and structuring domain specific industrial data to enable accurate, context aware AI responses for operational and knowledge based queries.
- Implemented secure Role Based Access Control (RBAC) and admin dashboards for managing users, games, points and system configurations, while managing deployments via Nginx, AWS EC2 and AWS Amplify to improve uptime, routing efficiency and performance.

MERN Stack Developer - Benda Infotech (Kolkata, India) | June, 2024 - March, 2025

- Led development of a U.S.-based skill testing and hiring platform using React, Redux, Node.js, Express and MongoDB, delivering multi language coding tests, recruiter dashboards, real time result updates and complete candidate workflows.
- Built secure platform features including JWT authentication, Firebase integration, robust Role Based Access Control and proctoring systems to ensure test integrity and controlled user access.
- Developed comprehensive admin tools for managing tests, users, reports and configurations, while collaborating closely with design and QA teams to improve UX quality and development speed.
- Managed deployments on DigitalOcean and Vercel, and also built an external travel packages website for client requirements, ensuring stable releases and optimized performance across environments.

TECHNICAL SKILLS

Languages : JavaScript, TypeScript, Java

Frameworks & Libraries : React.js, Next.js, Redux, Node.js, Express.js, Three.js, Framer Motion, GSAP

Databases : MongoDB, DynamoDB

Cloud & DevOps Tools : AWS (Lambda, API Gateway, EC2, Amplify, S3, Bedrock, Cognito), Vercel, DigitalOcean, Git, PM2, Nginx, Docker

Development Practices : RESTful APIs, Serverless Architecture, Full-Stack Development, RBAC, CI/CD, Agile Workflow, Postman, WebSockets, JWT Authentication

UI/UX & Design Tools : Tailwind CSS, Bootstrap, Figma, Adobe Photoshop, Canva

PROJECTS

- Steel Plant AI Assistant (LLM RAG Platform)**: Developed a domain specific LLM powered RAG system using AWS Bedrock, AWS Lambda and DynamoDB, enabling accurate, context aware responses by ingesting and querying steel manufacturing data.
- Game Backend & Admin Panel (Internal)**: Built a real-time game backend using Node.js, WebSockets, and DynamoDB, with full game logic and multi-user sync. Developed a secure RBAC-based admin panel, deployed on AWS EC2 and Amplify with Nginx and PM2.
- Blownfuse CMS**: Developed a custom CMS using Next.js with an AWS serverless architecture, implementing role-based access, content workflows and fast, scalable API operations.
- h-or-g.com - Skill Testing Platform**: Built multi-language coding tests and recruiter dashboards using React and Redux, with secure authentication and real-time results powered by Node.js, MongoDB, and Firebase.

EDUCATION

Bachelor of Computer Applications (BCA) - Institute of Science & Technology

2017 – 2020 | CGPA: 7.76 | West Bengal, India

CERTIFICATES : Front-End Development, Back-End Development, Advanced Front-End Using React.js

LANGUAGES : English, Hindi, Bengali

HOBBIES : Graphic Design, Cooking, Solo Travelling, Outdoor sports, Listening Music.