

RICKY LAIKHURAM

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LinkedIn | GitHub | Portfolio

Education

Bachelor of Engineering in Computer Science
Manipur Institute of Technology

Aug 2021 – May 2025
Manipur, India

Skills

Programming Languages: JavaScript, TypeScript, Python, C, C++
Frontend Development: HTML, CSS, React, Next.js, Tailwind CSS, Redux
Backend Development: Node.js, Express.js, JWT (Authentication), Prisma (ORM)
Databases: PostgreSQL, MongoDB, Firebase, Redis
Cloud & DevOps: AWS (EC2, S3), Docker, GitHub Actions, CI/CD Pipelines, Cloudflare, Firebase Hosting, VPS Setup
Development Tools: Git, Postman, VS Code, GitHub
Core Competencies: Web Application Development, REST APIs, OOP, System Design, State Management, Caching Strategies, Version Control
Languages Spoken: English, Hindi, Manipuri (Native)

Experience

Software Engineer – Internship, Lamzing Technologies Pvt. Ltd. - Imphal Mar – Aug 2025

- Converted satellite terrain data into 3D-printable models and built a scalable blogging platform using Strapi (Node.js) and React, reducing development time by 25%.
- Developed responsive UI components, integrated APIs, and streamlined content workflows to enhance platform usability.
- Collaborated in Agile teams using Git and software design principles to deliver high-quality solutions.

Projects

E-commerce Website – cloverarena.com – 2025

- Full-stack e-commerce platform with product management, wishlist functionality, and multi-step product creation forms (validation + drag-and-drop image reordering).
- Built with Redux for global state management, secure API integration, and AWS S3 presigned URL uploads for efficient image handling.
- Stack:** TypeScript, React, Redux, Node.js, Express.js, Redis, PostgreSQL, Tailwind CSS **Deployment:** AWS - EC2, S3

College Event Website - resomit.online – 2025

- Full-stack event management system with real-time tracking, role-based access (Super Admin, Admin, User), and multi-step registration forms.
- Implemented JWT authentication, Zod schema validation, and React Hook Form, reducing errors by 35% and improving form completion rates by 42%.
- Stack:** TypeScript, React, Node.js, Express.js, PostgreSQL, Tailwind CSS **Deployment:** Frontend on Cloudflare Pages, Backend on AWS EC2

Job Portal (Full-Stack MERN) – 2024

- Developed a role-based job portal with recruiter panels to post/manage jobs and applicant panels to register, browse, and apply.
- Implemented secure authentication with JWT, role-based access control, and schema validation using Zod.
- Stack:** React (JavaScript), Node.js, Express.js, MongoDB, Tailwind CSS

URL Shortener – 2024

- Built a lightweight URL shortening service with efficient redirect functionality and smooth front-end routing.
- Handled edge cases and optimized usability for a seamless user experience.
- Stack:** TypeScript, React, Node.js, Express.js, PostgreSQL, Tailwind CSS