Prafful Raj

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Summary

Motivated and detail-oriented Computer Science undergraduate (B.Tech, 2027) with strong foundations in core CS subjects including Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, and OOP. Proficient in full-stack development (MERN), cloud platforms (Azure, GCP), and building scalable, real-time web applications using React.js, Node.js, Firebase, and RESTful APIs. Skilled in Agile methodologies, unit testing, debugging, and collaborating within cross-functional teams. Passionate about building innovative, user-focused software solutions and thriving in fast-paced, dynamic environments. Strong communication, problem-solving, and analytical skills with a self-driven mindset.

Education

Amity University, Jharkhand, BTech in Computer Science — May 2023 – May 2027
Sarala Birla Public School, Class 12th (CBSE) — March 2023
Sarala Birla Public School, Class 10th (CBSE) — March 2021

Skills

Languages: Java, JavaScript, HTML, CSS, Python, Dart (Basics)

Technologies: React.js, Tailwind CSS, Bootstrap, Node.js, Express.js, Firebase, RESTful APIs

Databases: MongoDB, SQL, Firebase Realtime DB

Cloud & DevOps: Microsoft Azure, Google Cloud Platform, Git, GitHub, Netlify, CI/CD pipelines, Agile workflows.

Experience

App / Web Developer Intern, Trippu – Jaipur, India (Remote) — July 2025 – Present

- Architected travel app using Flutter, implementing REST APIs to pull data from Amadeus, which averaged 500 daily active users within initial three months of launch and received 4.8/5 star rating.
- Collaborated within a 3-member Agile development team to deliver 2+ mobile-optimized web and app solutions, consistently meeting sprint goals and improving delivery efficiency by 20 % .
- Developed and shipped 5+ core features in a cross-platform travel app using Flutter and Firebase.

Front-End Developer (Freelance), Illuminate Stores – Ranchi, India — Oct 2024 – Dec 2024

- Built SEO-optimized, responsive e-commerce pages using HTML, CSS, and JavaScript.
- Enhanced website traffic by 30% by developing and deploying reusable UI components.
- Applied responsive design best practices to ensure 100% mobile compatibility and consistent user experience across devices, improving engagement on mobile by 30%

Projects

Skill-Linker — github.com/SkillLinker/repo

- Tools Used: React.js, Node.js, Express.js, MongoDB, Firebase, Socket.IO, Tailwind CSS, MongoDB Atlas, etc.
- Developed a full-stack MERN platform enabling geo-location based job matching between local service providers and seekers using MongoDB Geo Indexing and Mapbox.
- Implemented a real-time communication system using Socket.IO, allowing users to chat instantly, schedule bookings, and negotiate job terms securely.
- Designed and deployed a responsive, mobile-first UI with React.js and Tailwind CSS, featuring dark mode, dynamic forms, and role-based dashboard analytics

More Projects: Personal Portfolio Website, Spotify-Clone, TODO-List. — github.com/Projects/repo