

Aanchal Pal

MERN Full Stack Developer | React, Node.js, Express, MongoDB | REST APIs, JWT, Cloud Deployment

[Bengaluru](#) [+91 6260855837](#) [aanchalpal2009@gmail.com](#) [My Portfolio](#)

Summary	Full-Stack Developer with hands-on experience building scalable web applications using the MERN stack (React, Node.js, Express, MongoDB). Skilled in RESTful API development, JWT-based authentication, frontend-backend integration, database design, and cloud deployment on AWS and Azure. Experienced in performance optimization, CI/CD pipelines, Git version control, and building production-ready applications.	
Experience	Pangea Tech Pvt Ltd Software Engineer https://pangeatech.net/ <ul style="list-style-type: none">Developed and deployed full-stack MERN applications using React, Node.js, Express, and MongoDB, including chatbot interfaces, dashboards, and RESTful API integrations.Designed and implemented an AI-powered chatbot feature end-to-end, handling frontend UI in React and backend logic in Node.js with API and database integration.Built and maintained CI/CD pipelines using GitHub and Azure for automated cloud deployment of scalable web applications.Implemented API-level caching and frontend performance optimization, reducing response time from 10+ seconds to under 5 seconds.Integrated Mixpanel and Microsoft Clarity into React applications to track user behavior, monitor funnels, and improve product and UI performance.	05/2025 - 08/2025 Bengaluru
	Almabetter Full Stack Developer- SME Trainee https://grow.almabetter.com/ <ul style="list-style-type: none">Developed full-stack features for a Learning Management System (LMS) using React, Node.js, Express, MongoDB, and JWT-based authentication, including user dashboards and real-time progress tracking.Designed and implemented RESTful APIs to handle CRUD operations, authentication, and secure data exchange between frontend and backend.Built responsive and mobile-friendly user interfaces using React and Tailwind CSS with cross-browser and cross-device compatibility.	09/2024 - 03/2025 remote
Projects	AI Live Chat Support Agent website link <ul style="list-style-type: none">Built a full-stack AI-powered ecommerce application using React, Node.js, Express, Sqlite, and OpenAI API with JWT authentication, REST APIs, and responsive UI.Integrated a real LLM (Groq via OpenAI-compatible API) with prompt-based domain knowledge (shipping, returns, support hours) for reliable FAQ handling.Implemented a responsive chat UI with typing indicators, markdown-rendered AI replies, and UX polish using Tailwind CSS. AI Code Reviewer A full-stack web app that provides automated, real-time code feedback using AI. Website Link Tech Stack: <i>JavaScript, ReactJS, TailwindCSS, Axios, NodeJS, Expressjs, Groq, OpenAI</i> <ul style="list-style-type: none">Developed a full-stack AI-powered code review application using ReactJS, NodeJS, Express, and TailwindCSS.Integrated OpenAI and Groq SDK APIs to perform real-time code analysis and generate intelligent suggestions.Implemented Axios, CORS and RESTful API principle for seamless communication between frontend and backend. Code Hive- A real-time web Application A full-stack web platform enabling real-time user activity tracking and room management, designed to enhance teamwork and collaboration. Website Link Tech Stack: <i>Websocket, socket.io, React, JavaScript, Codemirror, Express, CORS, Avatar</i> <ul style="list-style-type: none">Real-Time Communication: Integrated WebSocket using Socket.io to enable seamless user interaction within rooms.Responsive Design: Ensured consistent user experience across devices with a mobile-friendly UI, built entirely with custom CSS for full control over the design.	December 2025
Profiles	 Aanchal Pal LinkedIn TheLoneSierra GitHub	10/2025
Skills	Frontend React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design, REST API Integration, UI Components, Hooks, Redux, Context API, Cross-Browser Compatibility Programming Languages JavaScript, TypeScript, C Backend Node.js, Express.js, MongoDB, Mongoose, RESTful APIs, JWT Authentication, Authorization, CRUD Operations, WebSockets, API Security, Rate Limiting, Caching Databases MongoDB, NoSQL, Database Design, Indexing, MariaDB Clouds & DevOps AWS, Azure, CI/CD, Vercel, Firebase, Nginx, Netlify, Render Tools Git, GitHub, Postman, VS Code, Cursor AI, OpenAI API, Vector Databases, Groq, Swagger	December 2024
Certifications	Full Stack Web Development AlmaBetter Full Stack Web Development Certificate Generative AI and ML AWS Generative AI certification Machine Learning AWS Machine Learning certification	June 2024 November 2024 November 2024