















<div>Aanchal Pal</div> <div>MERN Full Stack Developer   React, Node.js, Express, MongoDB   REST APIs, JWT, Cloud Deployment</div> <div> <div> Bengaluru</div> <div> +91 6260855837</div> <div> aanchalpal2009@gmail.com</div> <div> My Portfolio</div> </div>		
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	<div> <div>Pangea Tech Pvt Ltd</div> <div>Software Engineer</div> <div> <a href="https://pangeatech.net/">https://pangeatech.net/</a></div> <div> <ul style="list-style-type: none"> <li>Developed and deployed full-stack MERN applications using React, Node.js, Express, and MongoDB, including chatbot interfaces, dashboards, and RESTful API integrations.</li> <li>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.</li> <li>Built and maintained CI/CD pipelines using GitHub and Azure for automated cloud deployment of scalable web applications.</li> <li>Implemented API-level caching and frontend performance optimization, reducing response time from 10+ seconds to under 5 seconds.</li> <li>Integrated Mixpanel and Microsoft Clarity into React applications to track user behavior, monitor funnels, and improve product and UI performance.</li> </ul> </div> </div>	05/2025 - 08/2025 Bengaluru
	<div> <div>Almabetter</div> <div>Full Stack Developer- SME Trainee</div> <div> <a href="https://grow.almabetter.com/">https://grow.almabetter.com/</a></div> <div> <ul style="list-style-type: none"> <li>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.</li> <li>Designed and implemented RESTful APIs to handle CRUD operations, authentication, and secure data exchange between frontend and backend.</li> <li>Built responsive and mobile-friendly user interfaces using React and Tailwind CSS with cross-browser and cross-device compatibility.</li> </ul> </div> </div>	09/2024 - 03/2025 remote
Projects	<div> <div>AI Live Chat Support Agent</div> <div> website link</div> <div> <ul style="list-style-type: none"> <li>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.</li> <li>Integrated a <b>real LLM (Groq via OpenAI-compatible API)</b> with prompt-based domain knowledge (shipping, returns, support hours) for reliable FAQ handling.</li> <li>Implemented a <b>responsive chat UI</b> with typing indicators, markdown-rendered AI replies, and UX polish using <b>Tailwind CSS</b>.</li> </ul> </div> </div>	December 2025
	<div> <div>AI Code Reviewer</div> <div>A full-stack web app that provides automated, real-time code feedback using AI.</div> <div> Website Link</div> <div><i>Tech Stack: JavaScript, ReactJS, TailwindCSS, Axios, NodeJS, Expressjs, Groq, OpenAI</i></div> <div> <ul style="list-style-type: none"> <li>Developed a full-stack <b>AI-powered code review application</b> using <b>ReactJS, NodeJS, Express</b>, and <b>TailwindCSS</b>.</li> <li>Integrated <b>OpenAI</b> and <b>Groq SDK</b> APIs to perform real-time code analysis and generate intelligent suggestions.</li> <li>Implemented <b>Axios, CORS</b> and <b>RESTful API</b> principle for seamless communication between frontend and backend.</li> </ul> </div> </div>	10/2025
	<div> <div>Code Hive- A real-time web Application</div> <div>A full-stack web platform enabling real-time user activity tracking and room management, designed to enhance teamwork and collaboration.</div> <div> Website Link</div> <div><i>Tech Stack: Websocket, <u>socket.io</u>, React, JavaScript, Codemirror, Express, CORS, Avatar</i></div> <div> <ul style="list-style-type: none"> <li><b>Real-Time Communication:</b> Integrated <b>WebSocket</b> using <b><u>Socket.io</u></b> to enable seamless user interaction within rooms.</li> <li><b>Responsive Design:</b> Ensured consistent user experience across devices with a mobile-friendly UI, built entirely with <b>custom CSS</b> for full control over the design.</li> </ul> </div> </div>	December 2024
Profiles	<div> <div> Aanchal Pal</div> <div>LinkedIn</div> </div> <div> <div> TheLoneSierra</div> <div>GitHub</div> </div>	
Skills	<div>Frontend</div> <div>React, Next.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Responsive Design, REST API Integration, UI Components, Hooks, Redux, Context API, Cross-Browser Compatibility</div> <div>Programming Languages</div> <div>JavaScript, TypeScript, C</div> <div>Backend</div> <div>Node.js, Express.js, MongoDB, Mongoose, RESTful APIs, JWT Authentication, Authorization, CRUD Operations, WebSockets, API Security, Rate Limiting, Caching</div> <div>Databases</div> <div>MongoDB, NoSQL, Database Design, Indexing, MariaDB</div> <div>Clouds &amp; DevOps</div> <div>AWS, Azure, CI/CD, Vercel, Firebase, Nginx, Netlify, Render</div> <div>Tools</div> <div>Git, GitHub, Postman, VS Code, Cursor AI, OpenAI API, Vector Databases, Groq, Swagger</div>	
Certifications	<div> <div>Full Stack Web Development</div> <div>AlmaBetter</div> <div> Full Stack Web Development Certificate</div> </div>	June 2024
	<div> <div>Generative AI and ML</div> <div>AWS</div> <div> Generative AI certification</div> </div>	November 2024
	<div> <div>Machine Learning</div> <div>AWS</div> <div> Machine Learning certification</div> </div>	November 2024