

# Prateek Singh

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## EDUCATION

<b>Scaler School Of Technology, Bangalore</b> <i>Bachelor in Computer Science</i>	CGPA - 8.35 Aug. 2024 – Aug 2028
<b>Birla Institute of Technology and Science, Pilani</b> <i>Bachelor in Computer Science</i>	CGPA - 8.49 Aug. 2024 – Aug 2027
<b>Army Public School Pune, Southern Command</b> <i>12th Standard, CBSE</i>	CGPA - 9.55 Completed

## EXPERIENCE

<b>Open Source Contributor &amp; Program Participant</b> <i>Remote / Community Driven</i>	Sept 2024 – Nov 2024 Global
<ul style="list-style-type: none"><li>Contributed to the <b>AsyncAPI initiative</b>, merging 3 PRs to the <b>asyncapi/website</b> repository during Hacktoberfest 2024.</li><li>Participated in <b>Hacktoberfest 2024</b> and <b>GSSoC 2024</b>, contributing to 5+ repositories including 'Sweata1403/React-Admin-Dashboard' and '<b>GSSoC24/Postman-Challenge</b>'.</li><li>Demonstrated proficiency in collaborative workflows, code reviews, and Git/GitHub version control.</li></ul>	
<b>Full-Stack Developer (Self-Learned &amp; Applied)</b> <i>Next.js, React, MERN Stack, React-Native</i>	Dec. 2022 – Present
<ul style="list-style-type: none"><li>Developed and deployed responsive web apps using the MERN stack (MongoDB, Express, React, Node.js) and Next.js.</li><li>Built a cross-platform mobile app (<b>WandR</b>) using <b>React Native</b> and <b>Expo</b>, handling mobile state and API integration.</li><li>Applied advanced concepts including SSR, <b>REST API</b> integration, and performance optimization using <b>Redis</b>.</li></ul>	

## PROJECTS

<b>DEVQUERA</b>   <i>Next.js 16, Server Actions, MongoDB, AI</i>	Aug 2025 – Present
<ul style="list-style-type: none"><li>Architected a scalable full-stack Q&amp;A platform using <b>Next.js 16</b> and <b>MongoDB</b>, featuring an integrated <b>AI-powered system</b> for enhanced knowledge search.</li></ul>	
<b>Real-Time Chat App</b>   <i>WebSockets, Node.js Backend</i>	Oct 2025 – Nov 2025
<ul style="list-style-type: none"><li>Engineered a real-time communication platform utilizing <b>WebSockets</b> (ws library) to support dynamic room creation and high message throughput.</li></ul>	
<b>RAG Contextual Search Tool</b>   <i>Vector Databases, LLMs</i>	June 2025 – Sept 2025
<ul style="list-style-type: none"><li>Developed a <b>RAG system</b> utilizing a <b>Vector Database</b> to append contextual notes to LLM prompts, significantly improving answer accuracy.</li></ul>	
<b>WandR (Mobile App)</b>   <i>React Native, Expo</i>	Feb 2025 – Mar 2025
<ul style="list-style-type: none"><li>Developed a cross-platform (iOS/Android) mobile app using <b>React Native</b> and <b>Expo</b> for travel sharing, implementing robust state management.</li></ul>	

## CERTIFICATES & ACHIEVEMENTS

**500+ DSA problems** solved on Leetcode, CodingNinjas, Codeforces, and Codechef.  
**Postman API Fundamentals Student Expert** Certified.

## TECHNICAL SKILLS

**Languages:** C++, Java, Python, SQL (Postgres), TypeScript, JavaScript (ES6+), HTML/CSS  
**Frameworks:** Next.js, Express.js, MERN Stack, React Native, Expo, Tailwind CSS  
**Tools:** Git, Docker, VS Code, GitHub, Figma, IntelliJ, Eclipse  
**Libraries:** React.js, ws (WebSockets), Pinecone Client, Three.js, Redis