

Prateek Singh

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EDUCATION

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

EXPERIENCE

Open Source Contributor & Program Participant <i>Remote / Community Driven</i>	Sept 2024 – Nov 2024 <i>Global</i>
<ul style="list-style-type: none">Contributed to the AsyncAPI initiative, merging 3 PRs to the asyncapi/website repository during Hacktoberfest 2024.Participated in Hacktoberfest 2024 and GSSoC 2024, contributing to 5+ repositories including ‘Sweata1403/React-Admin-Dashboard’ and ‘GSSoC24/Postman-Challenge’.Demonstrated proficiency in collaborative workflows, code reviews, and Git/GitHub version control.	
Full-Stack Developer (Self-Learned & Applied) <i>Next.js, React, MERN Stack, React-Native</i>	Dec. 2022 – Present

PROJECTS

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

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