Prateek Singh

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EDUCATION

Scaler School Of Technology, Bangalore
CGPA - 8.35
Bachelor in Computer Science
Aug. 2024 – Aug 2028

Birla Institute of Technology and Science, Pilani
CGPA - 8.49
Bachelor in Computer Science
Aug. 2024 – Aug 2027

Army Public School Pune, Southern Command
CGPA - 9.55
12th Standard, CBSE
Completed

EXPERIENCE

Open Source Contributor & Program Participant
Sept 2024 – Nov 2024
Remote / Community Driven
Global

- Contributed to the **AsyncAPI initiative**, merging 3 PRs to the **asyncapi/website** repository, improving ui and codebase.
- 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)
Dec. 2022 – Present
Next.js, React, MERN Stack, React-Native

- Developed and deployed responsive web apps using the MERN stack (MongoDB, Express, React, Node.js) and Next.js.

- Built a cross-platform mobile app (**WandR**) using **React Native** and **Expo**, handling mobile state and API integration.
- Applied advanced concepts including SSR, SEO, **REST API** integration, and performance optimization using **Redis**.

PROJECTS

DEVQUERA | *Next.js 16, Server Actions, MongoDB, AI*
Aug 2025 – Present
- Architected a scalable full-stack Q&A platform using **Next.js 16** and **MongoDB**, featuring an integrated **AI-powered system** for enhanced knowledge search.

RAG Contextual Search Tool | *Vector Databases, LLMs*
June 2025 – Sept 2025
- Developed a **RAG system** utilizing a **Vector Database** to append contextual notes to LLM prompts, significantly improving answer accuracy.

WandR (Mobile App) | *React Native, Expo*
Feb 2025 – Mar 2025
- Developed a cross-platform (iOS/Android) mobile app using **React Native** and **Expo** for travel sharing, implementing robust state management.

Real-Time Chat App | *WebSockets, Node.js Backend, Redis*
Oct 2025 – Nov 2025
- Engineered a real-time communication platform utilizing **WebSockets** (ws library) to support dynamic room creation and high message throughput.

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