






Ajay Sharma

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WORK EXPERIENCE

- RedPositive Pvt. Ltd. | Mobile App Developer**
React Native, TypeScript, TailwindCSS, AWS

August 2023 - February 2024

 - Remodeled existing app's architectural structure, reducing TTI(Time to interactive) by 80%, enhancing user retention and cost effectiveness of the overall application.
 - Implemented a custom auth from scratch strengthening the overall security of the application.
 - Designed a broadened workaround to enable AWS's Amplify components on React Native not only web.
- Delywizz Software Solution | Full Stack Developer**
Expo, React Native, TypeScript, Supabase, Tanstack Query, PostgreSQL

August 2024 - November 2024

 - Created a data driven application similar to reddit using Supabase's PostgreSQL enhancing net performance.
 - Utilised Tanstack Query for complex tasks such as caching and debouncing to enhance user experience and maintain smooth interactions.
 - Utilised Supabase Auth for authentication and Supabase Auth RLS for authorization ensuring end to end security.

PROJECTS

- Spring Cart | E-Commerce Platform**
Spring Boot, React.js, JWT, TailwindCSS

[GitHub](#)

 - Architected a RESTful API backend with Spring Boot, improving response time by 35%
 - Secured the platform with JWT authentication, reducing unauthorized access attempts by 90%
- HackerBuzz | Hacker News Mobile Client**
Expo, React Native, TypeScript, Firebase Realtime Database

[GitHub](#)

 - Developed a real-time news client using React Native, integrating the Hacker News API for trending tech updates
 - Overhauled API logic with Tanstack Query, reducing content load times by 30%
 - Added an integrated modal based web-browser for users to read attached articles with convenience.
- ResumeBuddy | Resume Builder Web App**

[GitHub](#)

 - Designed a Next.js-based resume builder with Gemini AI integration and Clerk authentication
- Guftgu | Social Media Application**

[GitHub](#)

 - Built a cross-platform, offline-first chat application tested by 100+ beta users
 - Automated deployment workflows with GitHub Actions CI/CD, cutting post-development time by 30%

LEADERSHIP & ACHIEVEMENTS

- Founder & Co-Founder | Open Source Development Club**

February 2022 - Present

 - Spearheaded a student-run Development Club, cultivated a self reliant open source coding culture among departmental developers
 - Curated 15+ workshops and coding seminars, mentoring over 20+ students from various departments in open-source projects

TECHNICAL SKILLS AND INTERESTS

Frontend: Next.js, React.js, React Native, Redux, HTML5/CSS3, TailwindCSS
Backend: Node.js, Express.js, Spring Boot, Java, SQL, MongoDB
Mobile Development: React Native
Programming Paradigms: JavaScript, TypeScript, Python, C, C++, Java
CI/CD: Git, Vercel, DigitalOcean, Heroku, Firebase, Docker, Linux, Socket.io, Vite
Misc: RESTful API, JWT Authentication, Responsive UI, Agile Methodologies

EDUCATION

Echelon Institute of Technology
Bachelor of Technology in Computer Science & Engineering

July 2021 - April 2025