Mohd Zaid

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EDUCATION

Graphic Era Hill University   Dehradun, India
Masters of Technology in Computer Science Engineering   *Aug. 2024 – Present*

Indian Institute of Information Technology Sonepat   Sonepat, India
Bachelor of Technology in Computer Science Engineering, CGPA: 8.0   *Aug. 2019 – May 2023*

EXPERIENCE

Software Developer Intern   Jan 2023 – July 2023
Redipay   *Remote*

- Developed customer and vendor mobile apps using **Flutter**, ensuring compliance with team coding standards and quality measures.
- Implemented features, conducted **unit testing**, and integrated components to deliver high-quality Android and iOS applications.
- Optimized app performance using state management and UI design, achieving a **45MB size and 2s cold start time.**
- Collaborated on a responsive company website using **React**, demonstrating teamwork and web development skills.

Undergraduate Research Assistant   Jan 2022 – July 2022
IIIT Sonepat   *Sonepat, India*

- Independently researched methods to improve web page quality and speed, showcasing **critical thinking and problem-solving.**
- Automated web performance evaluation using **JavaScript** and **Lighthouse** to streamline repetitive tasks.
- Scraped and analyzed real-world web data with **Headless Puppeteer** to validate performance metrics.

PROJECTS

Alternate | *Expo, React Native, TypeScript, SQLite, Native Modules*
93 Stars | 11 Forks | 2,431 Installs

- Developed a **privacy-focused Android app** that enables users to identify unknown callers without saving numbers to their main contact list.
- Integrated **custom native Android modules** for real-time caller detection and efficient offline storage using **SQLite**, ensuring sensitive data remains private.

Leetcode CompanyWise Questions | *Next.js, TypeScript, PostgreSQL, Tailwind CSS, Tanstack Query*
2 Stars

- Demonstrated passion for new technologies by developing a high-performance web application to filter over **5000+ LeetCode problems.**
- Engineered a scalable backend with **PostgreSQL** and **Drizzle ORM**, and implemented sophisticated real-time filtering and search functionality.
- Architected an automatic **CI/CD** pipeline for continuous delivery and optimal performance using **Vercel**.

Billicious | *Next.js, TypeScript, Zustand, Framer Motion, Passkeys, TanStack Query*
11 Stars | 2 Forks

- Showcased commitment to learning new skills by developing a bill management application with a sleek, accessible, and **highly interactive UI.**
- Implemented advanced state management with **Zustand** and secure authentication using **Passkeys** for a seamless user experience.
- Integrated **TanStack Query** for efficient data fetching and caching, and **Recharts** for data visualization.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, C++, Java, SQL
Frameworks: React.js, Next.js, React Native, Express.js, Hono, Pandas, Flask
Developer Tools: Git, Docker, Docker Compose, Google Cloud, Vercel, Netlify, Cloudflare Workers, VS Code
Databases: PostgreSQL, MongoDB, SQLite