

Mohd Zaid

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👤 Professional Experience

- Software Developer Intern, Redipay** Jan 2023 – Jul 2023
- Developed Flutter-based mobile applications for customers and vendors, achieving a **lightweight 45MB app size, 2-second cold start time, and smooth 60 FPS performance** across Android and iOS devices.
 - Designed a modern, intuitive UI** using Flutter's **Material Design and Cupertino widgets**, ensuring a seamless user experience with **fluid animations, gesture-based navigation, and adaptive layouts** for cross-platform consistency. **Implemented Flutter state management** to optimize reactivity, minimize unnecessary rebuilds, and enhance performance.
 - Built a responsive company website using React, hosted on Netlify**, providing an engaging landing page with smooth animations and direct **App Store/Play Store redirection** for seamless app downloads.
- Research Intern, IIIT Sonapat** Jan 2022 – Jul 2022
- Researched on improving web page quality and speed, empirical validation of web metrics involving conducting practical research to assess the effectiveness and relevance of various metrics.
 - Scraped Real-world data using Headless Puppeteer, leveraging its high-level API to control and interact with headless Chrome or Chromium browsers.
 - Evaluated metrics Using Lighthouse and automating using Javascript, leveraging its power to streamline repetitive processes.

📁 Projects

- Billicious**
- Developed a **responsive and modern UI using Next.js 14**, leveraging **Tailwind CSS, shadcn-ui, and Radix UI** to create a sleek, accessible, and highly interactive interface for seamless bill management.
 - Implemented advanced state management with Zustand and Immer**, optimizing performance and ensuring smooth, real-time updates for bill-splitting and user interactions.
 - Enhanced user experience with Framer Motion animations, Recharts for data visualization, and Passkeys for secure authentication**, while integrating **TanStack Query** for efficient data fetching and caching.
- Alternate**
- Developed a privacy-focused Android app (React Native, TypeScript)** that enables users to identify unknown callers by maintaining a secure local caller ID database, without adding numbers to the main contact list.
 - Integrated **custom native Android modules** for real-time caller detection and efficient offline storage using **SQLite**, ensuring sensitive data stays private.
 - Designed a modern, intuitive UI using **Material Design 3 principles with React Native Paper**.
- Leetcode CompanyWise Questions**
- Developed a **high-performance web application using Next.js**, featuring a responsive design with **Tailwind CSS and shadcn/ui** components to deliver an intuitive interface for browsing and filtering **5000+ LeetCode problems by company, topic, and difficulty**.
 - Implemented sophisticated filtering and search functionality with **TanStack Table for virtualized data rendering, Nuqs for URL state management, and real-time search capabilities**, resulting in optimized performance and seamless user experience across large datasets.
 - Architected a **scalable backend solution using Neon PostgreSQL with Drizzle ORM, integrated TanStack Query** for efficient data fetching and caching, and deployed on Vercel with **automatic CI/CD pipeline for continuous delivery and optimal performance**.

🎓 Education

- Masters of Technology, Computer Science Engineering, Graphic Era University** Aug 2024 – present
- Bachelor of Technology, Computer Science Engineering,** Aug 2019 – May 2023 | Sonapat, India
Indian Institute of Information Technology Sonapat
CGPA: 8
Technical Courses: Data Structures and Algorithms, Operating Systems, Database Management Systems, Object Oriented Programming, Computer Networks, Design and Analysis of Algorithms

🧠 Skills

JavaScript • TypeScript • Python • Express.js • React.js • Next.js • Node.js • MongoDB • PostgreSQL • Docker • Google Cloud • Tailwind CSS • Data Scientist