Ketan Raj

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Education

Chandigarh University	*August 2020 – July 2024*
Bachelor of Engineering, Computer Science Engineering	***CGPA: 7.94***

Skills

Languages/Database: HTML, CSS, OOPs, JavaScript, C++, Python, SQL, JAVA, System Design, MongoDB, React.JS, Next.JS, Tailwind, Bootstrap, Typescript

Soft Skills: Leadership, Event Management, Public Speaking, Effective planner, Critical Thinking

Tools: Android Studio, VS-Code, GitHub, MySQL, SQLite, Postman, AWS

Work Experience

Comfort Build	*February 2024-May 2024*
App Designer & Developer	*Remote*

- Conceptualized the entire app in Figma, designing **30**+ screens and user flows to ensure a seamless and visually appealing user experience.
- Engineered the admin page using React.js, integrating **20**+ features to enhance the app's functionality and user accessibility.
- Deployed the app on **AWS**, ensuring scalability and reliability to handle 1000+ concurrent users efficiently.

Bharat Intern	*December 2023-January 2024*
Web Developer Intern	*Remote*

- Executed a comprehensive analysis of the website's existing features, identifying key areas for improvement, leading to a **200%** increase in overall functionality.
- Led the design and development of user-focused interfaces, creating wireframes, prototypes, and final designs for the landing page, prioritizing ease of use and visual appeal.

Achievements

- Secured **Global Rank 2128** in Google Hash Code (2022).
- Secured **Global Rank 2183** in Google Kickstart Round C (2021).
- Top **2**% in Institute on **GeeksforGeeks.**
- **LeetCode** rating **1500+**.
- Secured **2**nd spot in the LGBTQ+ website category at the "**Hack the Mountain Hackathon**".
- Facilitated the education of 300+ students, covering topics such as DSA, Competitive Coding, and Web Development.
- Claimed **2nd** place in DCPD Eminent Speaker Debate, emphasizing communication and argumentation skills.

Projects

Imagine | *Next.js MongoDB Tailwind Stripe Clerk Cloudinary Vercel* | *Source Code*	*March 2024- June 2024*

- Led the creation of a SaaS product for advanced image customization, utilizing MongoDB for data management and Next.js for user experience.
- Secured a **300**% boost in user engagement and a **25**% decrease in image editing time, showcasing a robust capacity for innovation and effectively addressing user needs.
- Enhanced project performance by streamlining data retrieval in MongoDB and optimizing Next.js rendering, leading to a **40**% faster page load and a **50**% quicker server response.

Luxe Lenses | *React Tailwind Firebase AWS* | *Source Code*	*December 2023- February 2024*

- Engineered a robust backend system that optimized website performance and handled a **200**% surge in periods.
- Coordinated with suppliers and logistics to streamline the order fulfillment process, reducing delivery times by **15**%.
- Analyzed customer data to derive insights, leading to a targeted marketing strategy that boosted sales by **30**%.

Readme Editor | *React Firebase Tailwind OpenAI AWS* | *Source Code*	*November 2023 - December 2023*

- Harnessed OpenAI's cutting-edge technology, Readme Editor anticipates your documentation needs and generates content that aligns seamlessly with your project's essence.
- Achieved a milestone of **500**+ monthly active users, with a **30**% month-over-month growth rate, indicating strong market adoption and user satisfaction.

Certifications

AWS Cloud Technical Essentials

Software Testing

Introduction to Object-Oriented Programming