

Ketan Raj

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Education

Chandigarh University

Bachelor of Engineering, Computer Science Engineering

August 2020 – July 2024

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

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

Work Experience

Clear

July 2024-Present

Integration Engineer Intern

Bengaluru

- Collaborated with the software development team on the **front end** using **React.js**, **JavaScript**, and **Tailwind CSS** to design and implement a chatbot, enhancing user interaction and automating key processes, significantly improving customer response times.
- Optimized the codebase under the guidance of a senior programmer using **Python**, **SQL**, and **JavaScript**, streamlining integration platforms and reducing onboarding time for new clients by **15%**.
- Designed a robust solution to extract unique records by leveraging primary keys across **40+** tables, ensuring data integrity and eliminating redundancy.

Comfort Build

February 2024-May 2024

Software Developer & Designer

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.

Achievements

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

Projects

Imagine | **Next.js MongoDB Tailwind Stripe Clerk Cloudinary Vercel** | [Source Code](#)

March 2024- July 2024

- Led the development of a **SaaS product** for advanced image customization, leveraging Next.js for front-end development and MongoDB for efficient data management.
- 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 for an **e-commerce** site specializing in spectacles, optimizing performance to handle a **200%** increase in traffic.
- Coordinated with suppliers and logistics to streamline the order fulfillment process, reducing delivery times by **15%**.

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.

Certifications

AWS Cloud Technical Essentials

Software Testing

Introduction to Object-Oriented Programming