

Saksham Garg

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🔗 Developer Portfolio

🐙 GitHub Profile

🌐 LinkedIn Profile

EXPERIENCE

•Ambition Hire

Dec 2023 - Present

Software Developer

Remote

- Key contributor in establishing **Ambition Hire** startup, developed and maintained the legacy **Vue.js** codebase while guiding frontend team strategies on **architecture**, **tech stack**, **UI**, and **data flow**.
- Introduced **TurboRepo** to streamline and optimize the **monorepo** management, resulting in **improved build times** and **better code reuse**, thereby boosting **developer productivity**.
- Designed and implemented a comprehensive **assessment flow** with **AI proctored functionalities**, optimizing user experience while ensuring **assessment security**.
- Build various cutting-edge features including **dynamic color customization** to whole platform, **Role based access management**, resume parser and complex jobs and assessment creation.
- Set up **Jenkins** and built **CI/CD pipelines** that accelerated deployment cycles by 40%, enabling more frequent feature rollouts and quicker bug fixes.
- Performed efficient **error handling**, **thorough testing**, and **debugging** processes, achieving a **60% reduction in application crashes**.

•Talocity Instasolutions

Mar 2023 - Nov 2023

Frontend Developer

Gurugram

- Developed **in-house Vue components library** and a new version of **company software** from scratch.
- Coordinated with **UX/UI designers** and **backend developers** to ensure seamless integration of **RESTful APIs** and timely delivery, facilitating smooth data exchange and effective communication across teams.
- Contributed to **frontend performance optimization** through **code refactoring** and efficient **data fetching**, resulting in improved page load times and a smoother user experience.

PERSONAL PROJECTS

•Friendzone Realtime Chat App 🔗 [Link](#)

A super performant web-based messaging application enabling real time chat capabilities for users.

- Ensured secure user authentication through **NextAuth Google Provider** with sensitive **routes protection**.
- Integrated a seamless **friend request system** to send, accept, or deny requests with an intuitive **dashboard**.
- Utilized **Websockets** for **real-time messaging**, **friend notifications**, and **responsive user alerts**.
- Achieved a **45% optimization** in application performance using **Redis**, resulting in a **35% boost** in response times.
- **Technology Used:** NextJS, ReactJs, Typescript, Websockets, Redis, NextAuth, TailwindCSS

•Quill ChatPDF (SaaS) 🔗 [Link](#)

A cutting-edge SaaS platform that facilitates interactive chats around PDF documents PDF files using AI chat assistant.

- Designed to provide a **seamless chat experience** where users can upload their PDF files to an **AWS (S3) bucket**, create chats around them, and **interact** with an **AI assistant**.
- The **AI assistant** uses the **OpenAI 'gpt-3.5-turbo'** model to generate responses based on chat context.
- Implemented **Stripe payments** to support premium functionalities through a flexible **subscription model** for users.
- Utilizes the **OpenAI 'text-embedding-ada-002'** model for effective document **vectorization**, storing these in **PineconeDB** for efficient retrieval.
- **Technology Used:** NextJS, ReactJS, Typescript, PostgreSQL, AWS(S3), OpenAI API, PineconeDb, Stripe, RAG, Shadcn

TECHNICAL SKILLS AND INTERESTS

Languages: HTML, CSS3, Javascript(ES6+), Typescript, Python.

Frontend Technologies: ReactJs, VueJs, NextJS, Redux, Pinia, TailwindCSS, Monorepo Architecture(Turbo, Lerna), Jest, Vitest.

Backend & Databases: Node.js, Express, RESTful APIs, WebSockets, MongoDB, PostgreSQL, Redis

DevOps & Deployments: Docker, Kubernetes, Cloudflare, Vercel, AWS, Jenkins, CI/CD pipelines

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

EDUCATION

•Bachelor of Technology in Computer Science and Engineering(AI & ML)

2019-23

University of Petroleum and Energy Studies, Dehradun

CGPA: 8.1

•Higher Secondary Education (Science)

2017-19

Tulsi Public School, Ambala

Percentage: 81.8%