

ROOPSAGAR K

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EXPERIENCE

Saigeware Technologies

Fullstack Developer Intern

Jun '25 - Present

Bengaluru, Karnataka

- Built and optimized scalable web applications using **React.js**, **TypeScript**, and **Node.js**, improving platform performance and user experience in a fast-paced **health tech** environment.
- Developed internal tools and dashboards with **React.js**, **Node.js**, and **Firebase**, enhancing service monitoring and operational efficiency.
- Leveraged **RAG systems** and Google's open-source **Agent Development Kit (ADK)** to build AI agents for internal research acceleration.
- Implemented strong **security protocols**, including encryption, to protect sensitive health and research data.

Wibblit (ResumeTweaker)

Co-Founder & Developer

Sep '24 - Jun '25

Remote

- Built a **TypeScript-based web app** for **AI-powered resume rephrasing**, job matching, and **voice-to-voice interviews** using **Gemini**, enhancing personalization through prompt-based flows.
- Implemented **client-side PDF parsing** and **structured JSON extraction**, enabling editable resume ingestion.
- Developed **Wibblit**, a **job tracking system** within Resumetweaker, featuring a **Kanban board** powered by a **Chrome extension** and manual entry from various job platforms.
- Took on multiple roles, gaining hands-on experience with **early-stage product iteration**, **user onboarding**, and **positioning** while delivering a functional MVP.

SKILLS

Programming Languages

Javascript | Typescript | Python | JAVA

DevOps

Linux | Git | Docker | Postman | AWSEC2 |
GCP (Firebase, Cloud Run, Cloud Storage Buckets)

Frontend Development

HTML | CSS | Javascript | Tailwind | React | Redux
| NextJS

Backend Development

EJS | NodeJS | ExpressJS | SQL | PostgreSQL |
MongoDB

PROJECTS

Question Paper Hub - Interactive Question Paper Sharing App | [Link](#)

Jun '24 - Aug '24

- Built with **ShadCN**, **Next.js**, **PostgreSQL**, and **TypeScript**.
- Allows users to **upload PDFs** or **create question papers manually**.
- Features **LLM (Gemini) integration**, **interactive posts**, **upvotes/downvotes**, **comments**, and **instant test-taking**.

NextChat - Real time chat application | [Link](#)

May '25 - Jun '25

- Developed a **real-time chat application** using **React.js**, **Node.js (WebSockets server)**, and **TypeScript**.
- Implemented a **robust backend** with **MongoDB** for efficient **data management** and **real-time communication**.
- Leveraged **ShadCN UI components** and **Tailwind CSS** for a **modern and responsive user interface**.

EDUCATION

HKBKCE, Bengaluru

Computer Science & Engineering, Computer Science & Engineering

Dec '21 - May '25

8.83 CGPA