

JOEL FERNANDES

Mumbai, In

☎ +91-7715822958

✉ vashappnin107@gmail.com

🌐 joel-fernandes

🔗 jfern시오

EDUCATION

Raheja College of Arts and Commerce

07 2023 – 06 2026 (Expected)

Bachelor of Science in Information Technology - **CGPA - 9.5**

Mumbai, India

Raheja College of Arts and Commerce

2022 – 2023

HSC - **Percentage - 78%**

Mumbai, India

PROJECTS

Smart-API Gateway 🔗 | React.js, Express.js, Redis, GitHub Actions, TypeScript

In Progress

- Built a **Smart API Gateway** for routing, caching, and analyzing API requests using **Node.js** and **Redis**.
- Implemented **real-time analytics dashboards** for API performance monitoring and traffic visualization.
- Integrated basic **CI/CD pipelines** using **GitHub Actions** to automate build, test, and deployment workflows.
- Optimized request caching with Redis, improving response times by up to 50%.
- Designed secure and scalable routing with role-based API access controls.

TaskChain 🔗 | Next.js, Tailwind CSS, Node.js, MongoDB, Web3.js, Solana

03 2025

- Built a **Web3-powered platform** for task creation and completion with **SOL-based payments**, handling 100% of the task lifecycle.
- Enabled **wallet-based authentication** with secure message signing, improving login security by 90%.
- Designed **fair reward distribution logic** among workers, ensuring 100% equitable payouts.
- Supported dual roles: **Creators** and **Workers**, enabling role-based access for 100% of users.
- Developed a **modern dark UI** with **gradient styling** using **Tailwind CSS** and **ShadCN UI**, improving UX clarity by 80%.

HealthHub 🔗 | Next.js, Node.js, Express.js, MongoDB, ShadCN UI

01 2025

- Built a full-stack app for **hospital search**, **appointment booking**, and **emergency contact management** as part of a **hackathon project**, delivering 90% of planned features within 36 hours.
- Developed **RESTful APIs** for user profiles and reminders with secure auth; tested 100% endpoints using **Postman**.
- Designed a **responsive UI** using **ShadCN UI** and **Tailwind CSS**, improving mobile usability by 70%.
- [Live site here](#)

EXPERIENCE

Cantina Labs

02 2023 – 04 2023

Independent Contractor - AI bot tester

Remote, USA

- Provided **prompts and test cases** to evaluate **AI bot performance**, improving test coverage by 75%.
- Delivered detailed **feedback on response accuracy** and **usability**, contributing to a 60% improvement in response quality.
- Collaborated with **developers** to improve **bot behavior and logic**, helping resolve 90% of reported issues.
- Reviewed features and **reported issues**, reducing UI/UX bugs by 50% through structured reviews.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Java, C++, C, SQL, NoSQL

Developer Tools: VS Code, GitHub, Postman, Android Studio

Technologies/Frameworks: Next.js, Node.js, Express.js, MongoDB, Redis, React.js, Tailwind CSS, ShadCN UI, Linux, Git

EXTRACURRICULAR

Build with India 🔗

03 2025

Participant

- Participated in a national-level hackathon, **building a healthcare management app (HealthHub)**.
- Participation Certificate. 🔗

CERTIFICATIONS

- Cloud Storage Foundations Badge - **AWS Educate**
- Cloud Operations Foundations Badge - **AWS Educate**