Ferran Sulaiman

https://ferran.sh

Email : ferran.9908@gmail.com
Mobile : +91 80982 51515

SUMMARY

Software Engineer, with a strong proficiency in web technologies, specializing in building beautiful frontends paired with robust backends. Loves building projects that has real world implications and an avid contributor to Open Source Projects online.

EDUCATION

SSN College of Engineering Chennai, India
Bachelor's in Computer Science and Engineering; CGPA: 7.7/10 *Aug 2017 - May 2021*

EXPERIENCE

Sigaram Technologies Chennai, India
Software Development Engineer · Intern *April 2020 - Present*

- **Evera - Audio Platform for News**: Implemented the entire backend architecture from scratch and hosted on AWS. Increased text-to-speech conversion throughput from AWS Polly using the Exponential Backoff algorithm. Wrote micro-services to handle all the internal operations of a product, including setting up a logging system for tracking internal operations.
- **GoPlinto - eCommerce Platform**: Accelerated MVP development by huge margins. Expedited the Frontend Development using React and Redux. Implemented optimized REST APIs for smooth functioning of application and hosted them on Azure Cloud.

TEDxCHENNAI Chennai, India
Student Campus Ambassador · Marketing *October 2018 - April 2019*

- **TEDxCHENNAI 2019 - Flagship Event**: Sold 15+ Gold Tickets and advertised and marketed the organisation in college and, also, help the college get a license to host similar TEDx events.

PROJECTS

Scribe-Plus: Developed an application which automatically generates a voice prescription based on doctor-patient interaction. Used Named Entity Recognition (NER) to capture the interaction between the subjects and used blockchain to make the app HIPAA Compliant.

Decentralized Data Storage: Developed a Decentralized Data Storage system as a part of Bachelor's Project. Used Solidity Smart Contracts to maintain data confidentiality and the InterPlanetary File System (IPFS) to maintain data integrity.

OffPay: Developed an application to perform secure financial transactions offline. Incorporated Google's Nearby Connections API to make transactions possible with the help of Bluetooth along with Asymmetric Cryptography to authentic payments.

SafeStreets: Developed an app that employs a Least Cost algorithm to charter safe routes based on Crime Statistics of that area. Implemented as an Android Application using Java, with a Node Backend.

OPEN SOURCE CONTRIBUTIONS

LunarVim: Improved vim-autopairs support to work with other languages. Removed specific keybindings which interrupted regular use of vim.

Insomnia: Caught and fixed documentation errors.

Vsinder: Integrated Support for Tailwindcss and Typescript.

PROGRAMMING SKILLS

Languages: Javascript , Typescript , Python , Java , C , C++

Technologies: React , React Native , React Redux , Docker , Amazon Web Services , Azure , Nodejs , Serverless