

# Ferran Sulaiman

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## EDUCATION

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- **SSN College of Engineering** Chennai  
*Affl. Anna University; B.E Computer Science and Engineering; CGPA: 7.4/10* *August 2017 - May 2021*
- **The Velammal International School** Ponneri, Chennai, India  
*Computer Science; Central Board of Secondary Education; 89.6% (448/500)* *May 2015 - April 2017*

## PROGRAMMING SKILLS

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- **Languages:** Node.js, Python, C++, Java, Javascript, SQL, NoSQL, HTML, CSS, Shell, C
- **Technologies and Frameworks:** Express, Flask, ReactJS, TensorFlow

## EXPERIENCE

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- **Sigaram Technologies** Chennai  
*Software Development Engineer Intern* *April 2020 - Present*
  - Working with various programming languages, such as **Node.js** and **Python**, to write scalable services.
  - Create and maintain **fully automated CI/CD pipelines** using AWS CodePipeline and AWS CodeBuild.
  - Wrote micro-services to handle all the internal operations of the product, including **setting up a logging system for internal errors**.
- **TEDxCHENNAI** Chennai  
*Student Campus Ambassador* *October 2018 - April 2019*
  - To advertise and market the organisation in college and, also, help the college get a license to host similar TEDx events.
- **SlicePay** Chennai  
*Campus Verification Manager* *May 2018 - December 2018*
  - To verify the credibility of students who have applied for the credit-based money loaning program and to market the brand "SlicePay".
  - Verified more than 25 students for SlicePay credit, including other college campuses within a month.

## PROJECTS

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- **SnapCode** Chennai  
*Team Leader* *June 2020*
  - A progressive web-app made using **ReactJS** for the front-end and **Python** along with **AWS Textract** for the back-end.
  - Allows users from anywhere in the world to run code in an online IDE by **uploading a snapshot of the code**.
  - Predominantly worked on the **back-end** of the application.
- **OffPay** Sastra University, Thanjavur  
*Team Member* *February 2020*
  - Developed an app to perform secure financial transactions offline.
  - Incorporated **Google's Nearby API** in an Android app to perform the transactions.
- **SafeStreets** IIT Dharwad  
*Team Member* *February 2020*
  - Developed an app employing a **least cost algorithm** to route the safest path to a location based on crime statistics.
  - Predominantly worked in **designing the algorithm** and developing the Android App.
- **Scribe-Plus** Chennai  
*Team Member* *January 2020*
  - Developed an app which automatically generates a voice prescription from the Doctor-Patient Interaction.
  - Worked with **Named Entity Recognition** in NLP.

## • **MentorBot**

*Team Leader*

Chennai

*December 2019*

- Programming Language Used: **NodeJS** and **JAVA**
- ChatBot which acts as a mentor for students looking to pursue different fields of computer science.
- Utilizes **Google's DialogFlow API** for Natural Language Processing (NLP)
- Provides the aforementioned student umpteen resources to learn about different technologies

## COURSES AND CERTIFICATION

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- **Algorithms Specialization** : Stanford University, Coursera
- **Machine Learning** : Stanford University, Coursera
- **TensorFlow in Practice Specialization** : DeepLearning.AI, Coursera
- **Full Stack Web Development** : App Brewery, Udemey
- **University Courses** : Python Programming, C Programming, Mathematics - I and II, Discrete Mathematics, Probability and Queuing Theory, Data Structures, Object Oriented Programming, Design and Analysis of Algorithms, Digital Principles and System Design, Computer Architecture, Operating Systems, Database Management Systems, Microprocessors and Micro-controllers, Computer Networks, Algebra and Number Theory

## ACCOMPLISHMENTS

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- **3rd Place** - HackJaipur by MLH (**for SnapCode**)
- **Runner-Up** - DevHack 2.0 (**for SafeStreets**)
- **Winner** - Programming Contest by **Computer Society of India**.
- **Winner** - Embedded C workshop in SSN College of Engineering.