

PROFESSIONAL EXPERIENCE

CITIBANK FXLM, Chennai - Summer Analyst Intern

March 2020 – April 2020

- Developed an automated continuous deployment using Java and Spring Boot for a transaction service which reduced downtime to <30 minutes.
- Implemented a gateway to run the existing test suite and wired a heartbeat application to validate the state of the project before starting the testing phase.
- Built an in-house tool that enabled developers to validate their build and push to production anytime using python.

STUDY MONK, Chennai - Frontend Development Intern

December 2019 – February 2020

- Designed the prototype for [StudyMonk](#), an Ed-tech start-up.
- Developed the core parts of the official website/ product under two months using React.
- Collaborated with fellow developers and designers to orchestrate the entire project and planned future business models.

COGNATIO TECHNO SOLUTIONS PVT LTD, Chennai - Frontend Development Intern

June 2019 - July 2019

- Developed new features and functionality based on client requirements.
- Optimized existing code to meet new demands and increased performance of frontend.

PROJECTS

Teleport - <https://teleportme.in/> - <https://devfolio.co/submissions/teleport>

Won InOut 7.0(January 2021) React-Node-WebRTC-Webtorrent-P2P

- A fully centralized P2P file sharing tool with unlimited capacity in your web browser using WebRTC. Send files/ clipboard across and between CLIs and browsers built for users with productivity, privacy and convenience in mind.
- Won a grant of 85K via [quadratic funding](#) to get the product to the market.

Reactfolio - <https://github.com/Stalemate99/Reactfolio>

React - Node

- A CLI-based automated portfolio builder that only asks you to enter your details in a JSON file and builds a minimalistic portfolio based on it using React with routed content. Also deploys the website in surge instantly.

Virtual Galaxy - <https://devpost.com/software/virtual-galaxy-gf4dxi>

Won Facebook's Global Hackathon, 1st regionals, India - React - React360 - WebRTC - Node - P2P

- Built a Virtual Reality app that suggests and connects like-minded peers to watch movies and allows connection requests to strangers.
- Built a user-user collaborative filtering recommendation model to connect users with similar interests.
- Used P2P connection to chat and share the video player's pause/play/seek functions.

Smart Attendance System - <https://github.com/Stalemate99/SlH-2020-NodeServer>

React - React Native - Flask - Node

- An AI-based, foolproof attendance management system to monitor the officers working in different districts across the country to replace the existing, old-school register-based entry.
- Four stage validation system includes geotagging with time stamp, MAC address verification through Wifi network, text-dependent speaker identification system, and depth detection for 3D mapping for face recognition model.

Grievance Register - <https://github.com/Stalemate99/Grievance-Register-2.0>

Won Smart City hackathon at Daksh, Sastra(March 2020) - React - React Native - Django

- Modern grievance register app to assist public register complaints in a click. Complaints reach the nearest authority for validation, who assigns a worker to complete the task.
- Enable real-time updates of the complaints to help users track progress.

Web Development - React.js

- Built the website for SSN's technical fest - Instincts 2019 and received over 13,000 views.

SKILLS

Languages - Python, JavaScript, Java, C, C++, Assembly x86, HTML5, CSS3

Frameworks and modules - Node.js, React JS, Electron JS, Django, Spring Boot

Database - No SQL(MongoDB), MySQL

Other - Git Version Control, Microsoft Azure Hosting, AWS EC2, S3, Firebase, Adobe Illustrator

EDUCATION

SSN College of Engineering, Chennai - CGPA - **8.5**(2017 - Present)

Bachelor's Degree in Computer Science and Engineering

S.B.O.A School and Junior College, Chennai - Overall Percentage - **95.4%** (2015 - 2017)

Higher Secondary School

S.B.O.A School and Junior College, Chennai - Grade Points(out of 10) - **10**(2013 - 2015)

High School

CERTIFICATIONS

- Software-Defined Networks - The University of Chicago (November 2020)
- The Bits and Bytes of Computer Networking - Google (July 2019)

ACHIEVEMENTS

- Won **Techstars Startup Weekend** amongst **50 teams** that participated and got indoctrinated into the Young Entrepreneurship Program (YEP) of **STARTUP360**
- Currently **researching vulnerabilities in SDNs** and implementing policies to mitigate them
- Mentored fellow underclassmen to build an IDPS (Intrusion Detection and Prevention System)
- Organized and spoke at CSI and ACM **System Design Workshop** (December 2020)
- Lead the team to secure a **first-place** among **100+ participants** at '**Smart City Hackathon**' at Daksh, Sastra University
- Selected for competing in **Smart India Hackathon** from college among **89 teams** that participated.
- **Finalist** in **InCTF**(National Level Cyber Security Competition).
- Secured **6th** place in **Tamil Nadu Police Hackathon**(Capture the Flag Event)(November 2019)
- **First place** in regionals(India) at **Facebook's Developer Circle's Global Hackathon**(September 2019)
- Organized and spoke at **CSI Cyber Security workshop** (September 2019)
- **Won 'App Design Hackathon'** at SRM University (August 2019)
- Among **1000+ teams** who participated, got selected in the top **26 teams** to build a blockchain solution at **Conduent Blockchain Hackathon, Hyderabad**
- **Won** hackathon at CEG's Abacus consisting of 80+ teams