

# SAMYUKTHA VENUGOPALAN

## Software Developer

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### PROFESSIONAL EXPERIENCE

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#### TEJAS NETWORKS

Bangalore, Karnataka

##### R&D Engineer

2022-Present

- Part of 4 membered team to design, develop, and launch wireless control projects and worked from scratch for **15+ new features and resolved bug fixes**.
- Discussed and understood the **client requirements and handled dependency failures** within 12 months of joining.
- Took part in review meetings and **incorporated comments** that made the product more user friendly.

#### *Selected Project Experience*

- Wireless Project
  - Took **ownership of API** development, collaborating closely with requirements to conduct comprehensive needs analysis resulting in a **40% reduction** in integration time and enhanced customer satisfaction.
  - Designed and developed features that are **scalable and less error prone** increasing device support from **50 to 3000** and provided **timely fix for issues in production**.
  - Engineered and implemented **robust configuration API** logic, accommodating a user base **3 times larger** than the previous configuration, resulting in enhanced scalability and seamless user experience.
  - Provided **timely fix for reported bugs** and performed unit test cases with clean report that reduced the testing time by 50%.

#### TEJAS NETWORK

Bangalore, Karnataka

##### Software Developer Trainee

Jan,2022-Jul,2022

- Developed an enhancement feature that **reduced the redundant operations** by 50% and provided effective way for user access.
- Worked on converting **old messaging systems to Kafka** that made events 10 times more scalable.
- Shadowed team members to learn new tasks and how to appropriately handle technical issues.

### EDUCATION

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Government College of Technology | CGPA – 8.5/10

Coimbatore, Tamil Nadu

*Bachelor of Engineering, Major in Computer Science.*

2018-2022

Infant Jesus Matriculation Higher Secondary School | 97%

Tiruppur, Tamil Nadu

*HSC, Major in Computer Science.*

2017-2018

### PROJECTS

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- Network intrusion detecting using DNN – Python, Django.
- Android app for Alzheimer's Diagnosis – Java, Android Studio, DynamoDB.

### ADDITIONAL INFORMATION

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- **Program Management:** SDLC (Software Development Life Cycle), Resource Planning, Jira, GIT, CVS, Postman
- **Technical Skills:** Java, C++, React, HTML, CSS, JS, Data Structures, Algorithm, Hibernate, Spring Framework, MySQL, MongoDB, Computer Networks, OS, Distributes Systems, Basics of Python, Concepts of AWS, Linux, Spring MVC
- **Certifications:** System Design workshop by scaler