

Sivanvita Naidu G N

SOFTWARE ENGINEER

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Experience

NthPhase Software Solutions

Oct 2023 - Present

Software Engineer

- Architected a scalable **ERP** solution integrating HR, marketing, and fleet management modules using Apache OFBiz, serving **50+ users** across internal and external stakeholders.
- Delivered fleet management module in **14 days vs. 25-day target**. Streamlined core processes, resulting in **30% cost savings**. Earned "**Excellence in Delivery**" award.
- **Leading 1-month functional study** across HR, Marketing, and Manufacturing verticals. Analyzing **100+ use cases** to optimize product development and **testing** coverage, with focus on **API** behavior and data flow.

FORD GTBC

July 2023 – Sept 2023

Junior Software Engineer (Project **MARS**)

- Worked on transition of legacy front-end technologies to modern frameworks, focused on decoupling front-end and back-end systems for improved flexibility and scalability.
- Designed and developed **backend APIs** using **Java** and **PostgreSQL** to enable the creation of a unified codebase for the eCommerce platform.

Software Intern (PDO Team)

Jan 2023 – July 2023

- **Developed an API** as part of a specified task, implementing core system functionality, and received commendation for enhancing it with strong **security features**, including authentication and authorization, to ensure secure access to the platform.
- Conducted **Sanity testing** across webpage modules for six regions, ensuring functionality, performance, and compatibility, and collaborated with teams to resolve issues for region-specific user experiences.

Education

SASTRA Deemed to be University Thanjavur

2019-2023

Bachelors in Technology – Computer Science Engineering

CGPA of 7.86 on 10

Projects

Cardiovascular Disease Prediction Analysis using Machine Learning Techniques

- Collected and organized **2.1k data entries** from three datasets, one primary and two supplementary—to predict cardiovascular disease, enhancing model accuracy and reliability.
- Normalized the data to prepare it for training and testing.
- Applied **Machine Learning** techniques via a 2-step approach: first, applied classifiers separately, then combined them in an **ensemble**.
- Achieved **99% accuracy** in **binary classification** (0/1) using an ensemble of **KNN** and **Logistic Regression**.

Skills

Programming Languages Python, C/C++, Java

Database Technologies: MySQL, RDBMS, [PostgreSQL (basic knowledge, currently upskilling)].

Technical skills DSA, Git, Agile Principles, SDLC, HTML & CSS, JavaScript, AI Techniques, [Angular (Beginner, expanding skills)].

Achievements

- AWS Technical Essentials Certificate from Amazon.
- Achieved 🌟 5-star gold rank in MySQL on HackerRank.