

JYOTHI SWAROOP THOTA

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WORK EXPERIENCE

Verisk (FAST) - Senior Software Engineer

May 2025 - Present

- **Product Development** - Upgrade Factory

- Built and deployed a Python program to AWS that leverages LLM models to analyze code commits across client projects, generates reports, and emails results to product owners.
- Developed tools using Python for the upgrade process.
- Worked on the implementation of commit features in our Upgrade Tool for committing configurable assets, which **reduced the asset migration process by 80%**.

Verisk (FAST) - Software Dev Engineer

Aug 2023 - Apr 2025

- **Product Development** - Platform Team

- Contributed to serverless batch processing using the AWS infrastructure (Event bridge, Step functions, and Lambdas), which **improved batch performance by 20%** and substantially reduced batch failures.
- Contributed to implementing a **Role-based Authorization** for our REST application.

- **Sammon's Financial Group** - Client support team

- Resolved production-level issues and bugs. Optimized the encrypted entity retrieval process, **reduced the retrieval time by 60%**.

SKILLS

Programming Languages: Java, JavaScript, C#, Python.

Database: PostgreSQL, SQL Server, MongoDB.

Frameworks & Libraries: .Net 8, ASP.Net, NodeJs, ReactJs, NextJs, Tailwind, MUI.

DevOps AWS, Docker, Jenkins, BitBucket, SVN.

PERSONAL PROJECTS

ChatsApp:

- Chatsapp is a **real-time web-based chat application** enabling instant messaging between users.
- Technologies: **Material UI, ReactJS, Firebase**.

Task Management System:

- A Task Management System built using **MERN** stack with **user authentication** and **user roles**. Users can log in, assign tasks to team members, and change the task status assigned to them.
- Technologies: **Material UI, ReactJS, ExpressJS, MongoDB, JWT**.

CODING PROFILES

- Solved more than **600** questions on **Leetcode**. 
- **4 star** coder (Max Rating: 1800) on **Codechef**. 

ACHIEVEMENTS

- Ranked **420** globally in **TCS Codevita Season 10**. 
- Received "Pat on the Back" and "Quick Learner" awards during the first year of employment.

EDUCATION

- **B.Tech in Information Technology** - CVR College of Engineering - CGPA: **8.5**

2019 - 2023