



Swetha Reddy

Göteborg 🏠

076 153 5590 📞

swethareddycv098@gmail.com ✉️

[GitHub Link](#)

<https://www.linkedin.com/in/swetha-reddy-cv/> 🔗

Summary:

Certified Full Stack Developer with Expertise in JavaScript, Python, and Web Technologies | Civil Engineer with 3 Years of Experience | Passionate About Leveraging Engineering Problem-Solving Skills to Build Innovative Software Solutions | Rich experience in 2D rendering softwares

Skills

Frontend: HTML, CSS, JavaScript

Backend: Python, Django, Flask, SQL, NoSQL, MongoDB, Cosmos, MySQL, SQLite, DynamoDB

Tools/Frameworks: Scrum/Agile, GitHub, UI/UX, Git

IT-security: Penetration testing, Ethical Hacking, Skill injections, Encryptions, Social Engineering, Virtual Machines, Kali-Linux, Firewalls, OWASP

Cloud services: Azure, Repl.it, DevOps, Docker, AWS

Rendering softwares: AUTOCAD, 3DSMAX and Google Sketchup

Experience

2024 - Current:

FULL STACK DEVELOPER – LEXICON

PROJECT 1: CAR DEALERSHIP WEBSITE:

The goal of this project is to develop a comprehensive website for a virtual car dealership specializing in selling old cars. The website serves as a platform for users to browse through available cars, view detailed information and images, and make inquiries about their preferred vehicles.

TECHNOLOGIES USED:

- Backend: Django framework version 4
- Frontend: HTML, CSS, JavaScript
- Database: SQLite or MongoDB (Optional)
- Version Control: Git, and GitHub
- Project Management: Trello, Figma

KEY RESPONSIBILITIES:

- Lead a team of 5 members in designing the UI of the website.
- Architecture Design: Developed a scalable, modular architecture for the e-commerce platform using Django capable of supporting 100+ product listings and user accounts, ensuring robust and efficient management of virtual car inventories.

- API Development: Developed RESTful APIs for product listings, user authentication, and order processing.
- Database Design: Designed and optimized database schemas using PostgreSQL to manage product inventories, orders, and customer data.
- Front-End Collaboration: Collaborated with front-end developers to integrate back-end services, resulting in a seamless user experience with an intuitive interface that supports up to 20 concurrent users in a testing environment.
- Team Collaboration: Part of daily stand-ups, code reviews, and sprint planning sessions as part of Agile workflow.

Project 2: Develop a Simulation System for a Zoo:

Developed an Object-Oriented simulation system to model a dynamic zoo environment with 2 animal species. The system manages several types of animals and their interactions within a park, incorporating features such as animal behaviors, visitor interactions, and daily routines.

- Creation and implementation of the algorithm for calculating the energy levels of the animals depending on the visitor interactions such as feeding animals.
- Design of CLI for simulation environment
- Developed a user-friendly system that allows for easy extension of animal types and behaviors.
- Incorporated basic simulation features such as daily activity simulation, energy management, and interaction dynamics.
- Implemented an algorithm for animal interactions, including hunting behaviors for carnivores and social behaviors for herbivores.
- Implemented a scalable architecture for addition of an animal of either species.

2022 - 2024

- Attend a Swedish language course in Hermod's sponsored by Goteborg Stad. Achieved intermediate level of Swedish language proficiency (Grade G - Speak, read, and write)
- Attended distance training on Linux administration and SQL.
- Completed a course on basic python programming.

2019 – 2021

Full Time Parenting - Göteborg

I devoted my time to my family as the mother. Focused my energy on raising and caring for our first-born son.

- Embraced motherhood with open arms.
- Perfected my time management skills and multitasking skills.
- Gained new skills on unconditional compassion and giving.
- Learned the importance of adaptability.

June 2017 – May 2018

Civil Trainer / TTT Innovative Design Solutions, Bengaluru

- Conducted over 100 training sessions for 40 undergraduate students from diverse backgrounds on 3D modeling tools, including AutoCAD, 3DS Max, and SketchUp, resulting in a 90% increase in student proficiency and significantly enhancing my own expertise in these tools.
- Increased student certification pass rates by 10% compared to previous training cycles.
- Developed and shared a comprehensive 3D modeling training manual.

- Helped students create over 40 fully realized 3D models.
- Enabled students to pursue higher education in interior design after completion of this course.
- Work some projects in freelancer.

Nov 2016 - May 2017

Draft Engineer / Pooja CADD, Bengaluru

Collaborated with the Proprietor on road construction projects, drafting detailed plans for about 10 residential and commercial buildings, contributing to a 40% improvement in project efficiency.

- Saved 2M INR in materials by optimizing design plans for construction projects.
- Led a team of 2 draftsmen, resulting in a 20% increase in overall project efficiency.
- Coordinated with 5 departments to ensure seamless project execution and reduce delays by 10%.
- Accelerated project timelines by 20%, completing drafts ahead of schedule.
- Decreased drafting time by 30 hours per project through the implementation of streamlined design processes.
- Drafted plans for about 100 kilometers of road and about 1000 square meters of building space.
- Improved skills on faster efficient usage of AutoCAD

SEPT 2015 – FEB 2016

Assistant Site Engineer / New Consolidated Construction Co. Ltd. (NCCCL), Bengaluru

Assisting the site engineers related to material procurement and usage data analysis, keep track of material consumption, and update the daily work status to site management.

- Optimized material procurement and usage tracking for site engineers, leading to a 15% reduction in material waste and improving overall project efficiency by 20% by analyzing data and providing daily updates to site management.
- Assisted site engineers by implementing a material consumption tracking system, which reduced procurement delays by 25% and ensured that 100% of materials were available on-site as needed, consistently updating daily work status for management.

Education & Courses

March 2024 –

Python Developer/Lexicon IT Proofs, Stockholm

Aug 2011 – July 2015

Bachelor's in civil engineering/Bellary, Karnataka, India

Courses: AUTOCAD

Language

English – Conversational level in spoken and written form
Swedish – Conversational level in spoken and written form
Kannada - Native language