HARSH THITE

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INTRODUCTION

B.Tech student in Computer Science specializing in Software Engineering, with strong proficiency in software architecture, algorithmic problem-solving, and system optimization. Committed to leveraging advanced technical expertise to drive innovation, enhance computational efficiency, and develop user-centric solutions. Adept at collaborating in dynamic team environments to design and implement robust, scalable, and high-performance applications.

EDUCATION

SRM University, Kattankulathur, Chennai   Sept 2021 - June 2025
B.Tech in Computer Science with Specialization in Software Engineering   CGPA: 8.13/10

HAL School Korwa, Amethi   May 2019 - July 2021
High School Diploma   X: 86%, XII: 93.8%

SKILLS

Programming Languages: Python, JavaScript, SQL, HTML, CSS
Frameworks: Django, Flask, Bootstrap, Tailwind CSS, REST API
Tools: Firefox Developer Tools, GIT, Github, SQLite, Requests
Data Analytics: Pandas, NumPy
Coursework: Data Structures and Algorithms, OOPs, DBMS, Operating System

PROFESSIONAL EXPERIENCE

Vocational Trainee   June 2023 - July 2023
Ordnance Factory Project Korwa (OFPKR)   Amethi, UP
- Enhanced design pipeline, reducing retrieval time by 50% using indexing.
- Assisted in streamlining debugging workflows by 20% for internal systems.

PROJECTS

Routzy (Ride-Sharing Platform)   **Python, Django, HTML, Htmx, CSS, SQL, Rest Framework**
- Developed a ride-sharing web app that handled 50+ ride requests daily with real-time updates.
- Optimized ride-matching by 40% through efficient optimized SQL queries and Django Rest Framework.

DiscountU (Discount Aggregator Platform)   **Python, Django, HTML, CSS, Bootstrap, SQLite**
- Designed a platform with a category-based SQL filtering that helped 200+ students find the best student deals.
- Conducted user trend analysis using Pandas, boosting engagement by 25%.

HMART (E-Commerce Web Application)   **Python, Django, HTML, CSS, Bootstrap, SQL, REST API**
- Built a modular e-commerce system with secure authentication, handling 100+ simulated requests through optimized backend operations.
- Implemented REST API for real-time inventory tracking, reducing stock inconsistencies by 35%.

EXTRA-CURRICULAR ACTIVITIES

- **Technical Lead, Gaming Club, SRM Directorate of Student Affairs:** Organized a competitive gaming event with over 250 participants.
- **Media and Content Member, IEEE SRM:** Designed UI interfaces and fostered talent in UI-based competitions.

CERTIFICATIONS

Alteryx Foundation Micro Credential: SQL, Data Visualization   June 2024
Alteryx Foundation Designer Core: Database Design and Management   Dec 2024

ACHIEVEMENTS

- **Winner, Ideathon** - Developed a proposal for an AI-powered medical kiosk utilizing cloud-based tools and analytics to optimize healthcare diagnostics.