V Nagasai

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EDUCATION

Indian Institute of Information Technology, Design and Manufacturing Chennai, India
Bachelor of Technology in Computer Science and Engineering with CGPA 8.92(As of sem 6) *Dec 2020 – Present*

Sri Siddaganga PU College Davanagere, India
Pre-University Course in Science with CGPA 9.80 *Jul 2018 – Mar 2020*

EXPERIENCE

Full-stack Developer Intern Feb 2022 – Present
Meistergen Technologies *Chennai, India*
- Developing a REST API and full-stack web application using Express, Prisma, Sveltekit and Docker

Backend Developer Dec 2021 – Jan 2022
VBS Academy *Raichur, India*
- Explored methods for payment integration and server side rendering using template engines, ensuring security and scalability

Frontend Developer Aug 2021 – Mar 2022
CS Club, IIITDM *Chennai, India*
- As a member of WebOPS IIITDM, I would be responsible for creating visually appealing and user-friendly websites that effectively communicate the club's message and engage with its target audience
- Managed team as representative ensuring that everyone is working towards a common objective in an efficient and productive manner

PROJECTS

Recognition | *Python, OpenCV, Tensorflow* Dec 2022
- A machine learning academic project on facial and traffic sign recognition
- Implemented facial recognition with PCA for dimensionality reduction and KNN for classification and used CNN for traffic signs

Magic dot | *Nextjs, React, Nestjs* Feb 2022
- Attempted to develop eCommerce full-stack web app with Next.js and Nest.js frameworks.

Carnet OS | *Svelte, Vite, Express, Typescript, SQL and Winbox* Apr 2022
- A database management system exploring project on ticketing system of railways
- Innovated UI into a macOS clone with subtle animations using popmotion and winbox

Gossip Box | *Flutter, Dart, FirebaseAuth, Firestore* Nov 2021
- Created a mobile social media chat application
- Worked with lottie files for animation.

TECHNICAL SKILLS

Languages: Python, C/C++, HTML/SCSS, MySQL, TypeScript, Dart
Frameworks: Sveltekit, React, Next.js, Express.js, Nest.js
Libraries: pandas, NumPy, Matplotlib, OpenCV, Sklearn, Tensorflow, Pytorch
Developer Tools: Git, Docker, VS Code, Visual Studio, Xcode
Presentation Tools: Figma, Canva, Keynote, LateX

ADDITIONAL EXPERIENCES AND ACHEIVEMENTS

- Secured all India third rank in Natural Language Processing Course by Dr. Pawan Goyal, IIT Kharagpur, NPTEL 2022
- Honoured as one of the top ten rankers in 12th grade, PU Board, Karnataka 2020
- Secured second position at district level in secondary school, KSEEB 2018