

VINODH KUMAR R

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SUMMARY

Recent Computer Science Engineering graduate with a solid foundation in software development and a passion for creating user-friendly applications. Proficient in Java, Python, Flutter, HTML, CSS, JavaScript, MySQL, REST API and UI/UX design. Awarded over four times for academic excellence and project work. Eager to leverage technical skills and creative problem-solving abilities in a challenging software developer role.

EDUCATION

Bachelor's Degree in Computer Science, SNS College Of Technology 2020 - 2024

Courseworks: SDLC, DBMS, OS, OOPS, Machine Learning, Computer Networks, AI, ML, DL, Design Thinking, Data Structures, UI UX Design, Full Stack Development

CGPA: 9.37

Higher Secondary, Mani Higher Secondary School 2019 - 2020

Percentage: 85.8

Secondary, Vimal Jyothi Convent Matriculation Higher Secondary School 2017 - 2018

Percentage: 94

SKILLS

Technical Skills Java, Python, HTML, CSS, JavaScript, Flutter, Git, UI/UX, REST API, Flask, MySQL

Soft Skills Leadership, Communication, Problem Solving

EXPERIENCE - INTERNSHIPS

Software Developer June 2024 - July 2024

CodeWents Coimbatore, TN

- Developed scalable software solutions using REST API and Python - Flask. Created clear documentation with Sphinx. Managed projects with Jira and maintained code quality with Git and GitHub.
- Tech Stacks: REST API, Python - Flask, Sphinx Documentation, Git & Github

UI UX Designer Feb 2024 - Mar 2024

Upskill Mafia Coimbatore, TN

- Crafted visually captivating and intuitively functional designs, ensuring user-friendly interfaces and exceptional user experiences. Conducted extensive user research to understand target audience needs and preferences, informing design decisions. Developed wireframes and prototypes to visualize and iterate on design concepts.
- Tools: Figma, Miro

Data Science Feb 2023 - Mar 2023

Lets Grow More Coimbatore, TN

- Implemented data science projects, demonstrating proficiency in various machine learning techniques. Successfully completed an Iris flower classification project, Developed an image-to-pencil sketch transformation model, showcasing expertise in computer vision and deep learning. Conducted stock market prediction analysis, applying time series forecasting methods to predict trends and provide insights.
- Tech stacks : Python

Flutter App Developer Jul 2022 - Sep 2022

Mr. Intelligence Inc Coimbatore, TN

- Developed and designed user interfaces using the Flutter framework, focusing on creating responsive and visually appealing applications. Gained hands-on experience with Flutter widgets to enhance UI components and improve user experience.
- Tech Stack: Flutter

PROJECTS

Trash Classification. Led the development and deployment of an AI-powered trash classification system, achieving a classification accuracy of 95% and reducing incorrect waste disposal by 30%

Tech Stack: HTML,CSS,Flask(Python), Machine Learning(Keras, Tensorflow), Opencv, NumPy ([Github](#))

Driver Drowsiness Detection. Led the development and implementation of a driver drowsiness detection system, achieving a reduction in drowsy driving incidents by 20%

Tech Stack : Python - OpenCV, dlib, NumPy, Machine Learning(Classification, Regression trees) ([Github](#))

Face Recognition Contributed to the development and deployment of a facial recognition solution with Adam Hechtay library featuring 68 landmarks

Tech Stack : Python - Opencv, Numpy, dlib, *face_recognition*, *MachineLearning(scikit – learn)*([Github](#))

AWARDS & ACHIEVEMENTS

- Leader Of Today Award - 2024.
- All Rounder Performer Award - 2023.
- NPTEL Industry 4.0 and Industrial Internet of Things Course Topper (Top 2%) with Elite and Silver Badge.
- Linkedin Top Voice for COmputer Science and Personal Development
- 5 Star Gold rank in HackerRank - Java.
- Runner up in Language Geek Competition at MIT.
- Top 10 teams in Proxy'22 Hackathon.
- Mani Magan Award – 2020.
- State III and District I in English Proficiency Test by Bharat Institutions – 2018.

LEADERSHIP

- President of Xenix Association and Regex Club - CSE.
- Student Co-ordinator for CSE Department.
- Organized 10+ events.
- Tutor of Class XI and XII (Computer Science) at Murugan Tuition Centre.
- President of Interact Club.

PUBLICATIONS

- Co-author of the anthology "Day Dreamer" published in Amazon Link - ([Day Dreamer](#))
- Empowering Small Scale Enterprises and Sustainable Waste Management using Design Thinking Framework published in IEEE Xplore.
- Brain Controlled Car for disabled using Artificial Intelligence published in IJERT..