

# 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  
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

<b>Technical Skills</b>	Java, Python, HTML, CSS, JavaScript, Flutter, Git, UI/UX, REST API, Flask, MySQL
<b>Soft Skills</b>	Leadership, Communication, Problem Solving

## EXPERIENCE - INTERNSHIPS

**Advisory Analyst** Oct 2024 - Present  
Deloitte *Bengaluru, Karnataka*

- Specializing in cloud security with Prisma and AWS, ensuring secure and scalable cloud infrastructure solutions.
- Collaborating with cross-functional teams to provide insights and implement security best practices in cloud environments.

**Software Developer Intern** 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

**Data Science Intern** 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

**Web Developer Intern** Jul 2022 - Aug 2022  
Prime Solutions *Coimbatore, TN*

- Worked on front-end development using HTML, CSS, and JavaScript to create dynamic and responsive web pages. Managed database systems using MySQL, ensuring smooth data storage and retrieval.
- Tech Stack: HTML, CSS, JavaScript, MySQL.

- 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

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**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, Machine Learning(scikit-learn) ([Github](#))

## AWARDS & ACHIEVEMENTS

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- 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.
- 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

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- 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

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- 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..