

# VINAY SANTOSH MENON

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## EDUCATION

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**B.Tech. in Computer Science**, Vellore Institute of Technology September 2020 - Present  
**Specialization**, Artificial Intelligence and Machine Learning CGPA - 9.01  
**Relevant Coursework**, Data Structures and Algorithms, Computer Networks, Machine Learning, Deep Learning, Operating System, Computer organization and architecture.

## TECHNICAL SKILLS

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<b>Languages</b>	Python, C++, Java, HTML, CSS, TypeScript, JavaScript.
<b>Framework</b>	Node.js, Git, Metasploitable, Tensorflow, FastAPI, LangChain.
<b>Libraries</b>	OpenAI, React.
<b>Softskills</b>	Problem Solving, Teamwork, Communication, Leadership, Planning, Logical Thinking.
<b>Additional</b>	750+ problems on leetcode, 5 star (Problem Solving, Python) in HackerRank.

## EXPERIENCE

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**Solution Architect Intern** May 2023 - July 2023  
GlobalLogic (Hitachi Company group) *Remote*

- Worked in the development of a Visual Studio Code extension that aids in the modernization of outdated programming languages using OpenAI+LangChain,Typescript,FastAPI.
- Assisted in the development of a wizard for the extension using React.

**AI ML Intern** May 2022 - July 2022  
Tvastir Cloud Ltd. *Remote*

- Helped in integrating and developing an Enterprise Kubeflow MLOps platform using Kubeflow, Elyra, Katib Hyper Parameter tuning, Model registry and Model Observability.
- Aided in developing a Cloud Root Cause detection algorithm based on anomaly and graph traversal methods.

## PROJECTS

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**Computer-Vision Educator** Developed a website which uses 2 factor authentication of password and face recognition to login. We can also access and run codes for face-recognition and emotion-detection inside the website. We used HTML,CSS,Python,Node.js,JavaScript and PHP to integrate the website. ([Link for Project](#))

**Malware Classification Website** Developed 2 websites for malware classification, one website takes in the image of malware as input and is hence trained using CNN, while the other does hardware malware classification based on the values provided and is trained using XGBoost. The website implementation is done using Django.([Link for Project](#))

**Solar System Model** Created a solar system model in blender by adding realistic textures and also integrated with a spaceship.([Link for Project](#))

## EXTRA-CURRICULAR ACTIVITIES

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- Won the first prize in the CODE-A-THON event conducted by VIT by creating a solar system model in blender.
- Participated in developing various games, as a member of Game Development club.

## LEADERSHIP

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- Handled a group of 10-15 people and organised events for the biggest Tech Fest of VIT Chennai, and helped in booking venues and built a timetable for events on per-day basis