

Vamshi Mandala

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PROFESSIONAL SUMMARY

A highly motivated and dedicated computer science graduate student with a proven track record of academic excellence and hands-on experience in machine learning, seeking an internship position to apply my skills and knowledge in a dynamic and challenging environment.

EDUCATION

University of Missouri Kansas City (GPA – 3.8) Masters in computer science	Kansas City, MO Jan 2023 – Dec 2024
Sreenidhi Institute of Science and Technology <i>Bachelor of Technology in Computer Science and Engineering</i>	Hyderabad, India 2018 - 2022

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, C/C++, HTML, CSS
Development Tools: Visual Studio Code, PyCharm, Eclipse
Databases: MySQL, Database management Systems
Version Control Systems: Git, GitHub, GitLab
Operating Systems: Linux, MacOS, Windows
Cloud Platforms: AWS, GCP, Azure

SOFT SKILLS

Excellent interpersonal, communication, and leadership skills.
Strategic and creative thinker with a keen attention to detail.
Ability to work effectively in fast-paced environments and adapt to changing priorities.

CERTIFICATION

International Journal for Research in Applied Science and Engineering and Technology
Published a research paper on Disease Predictor based on Symptoms using Machine Learning in July 2022. ([Link](#))
National Programme on Technology Enhanced Learning (NPTEL)
Received course completion certificates from (NPTEL) in Java programming and Relational DBMS.

Experience

Assistant Systems Engineer Aug 2022 – Dec 2022
Tata Consultancy Services

- Developed and maintained information security policies in alignment with industry standards, ensuring data and system integrity.
- Identified and prioritized security risks, implementing strategic mitigation strategies to enhance organizational resilience against potential threats.
- Established efficient procedures for reporting and managing security incidents, minimizing operational impact.
- Ensured strict compliance with regulations and industry standards through active participation in security audits, validating the organization's commitment to a secure environment.

Full Stack Developer May 2020 – Jul 2020
Goal Street PVT LTD

- Engineered a dynamic rental portal, utilizing a diverse tech stack (HTML, CSS, JavaScript, PHP, MySQL, XAMPP) for seamless property listings and connections between landlords and tenants.
- Ensured robust functionality and efficiency of the portal by leveraging front-end and back-end tools.

- Completed the project by delivering comprehensive documentation, serving as a valuable resource for ongoing support and future enhancements.

Projects

Remote Patient Monitoring | *Internet of Things*

Jan 2024 – May 2024

- This project streamlines the process of booking appointments with doctors online, functioning akin to a user-friendly website. Comprising three primary roles—the admin, doctors, and patients—it offers a comprehensive system for managing appointments. The admin oversees system setup, adding doctor details and availability. Patients utilize the platform to search for suitable doctors, select convenient appointment times, and provide personal and sensor data for enhanced healthcare. Doctors access their schedules, manage availability, and leverage patient health information for optimized care delivery, ensuring a seamless and efficient healthcare experience for all."

Data Classification Via Neural Networks and SVM | *Python, Tkinter, Tensorflow, ML*

Feb 2023 – May 2023

- Data classification can be done through plethora of methods in these days, but we came up with the most accurate data classification using neural networks and support vector machine. One can perfectly classify the data using this model. Worked as an active member in a group of three people and contributed in research, coding development process.

Disease Predictor based on symptoms using Machine Learning | *Python, ML*

Apr 2022 - Jun 2022

- Developed an advanced Disease Prediction System utilizing machine learning, significantly enhancing diagnostic accuracy for healthcare professionals. The system, accessible through mobile and web platforms, empowers users to proactively manage their health, reducing unnecessary hospital visits and saving on medical expenses. By leveraging machine learning algorithms to analyze symptoms, the system aids doctors in decision-making, efficiently narrowing down potential diagnoses for more targeted and timely interventions. This groundbreaking project underscores my expertise in driving technological solutions that positively impact healthcare outcomes, highlighting my commitment to innovation in the field.