REVANTH MUDAVATH

+1 (458) 272-8380 | mudavatr@oregonstate.edu | linkedin | github | geeksforgeeks

Motivated Computer Science Master's student at Oregon State University eager to secure a Software Engineering Intern position, delivering innovative solutions using Python, Java, React Native, and cloud platforms like AWS, while thriving in agile, collaborative settings to drive technical excellence.

EDUCATION

Oregon State University, Corvallis, OR
Master of Engineering, Computer Science

Vasavi College of Engineering (VCE), Hyderabad, TS   Sep 2020 – Jun 2024
Bachelor of Engineering in Computer Science (GPA: 3.3)
- Key Coursework: Data Structures and Algorithms, Object-Oriented Design, Machine Learning, Software Programming, Big Data, Artificial Intelligence, Web Development, and Database Management Systems.
- **Awarded "Best Project of 2024"** in the CS Department for Human Body and Cloth Segmentation.

EXPERIENCE

Software Engineer Intern, Zelis, Hyderabad   Jan 2024 – Jun 2024
- Analyzed department-level data entry patterns and conceived custom Salesforce workflows, reducing manual input by 30% and boosting team productivity by 15% across 3 departments.
- Developed 5 interactive dashboards and 12 automated reports using Salesforce Analytics, enabling executives to make data-driven decisions 40% faster.
- Streamlined data management with automated error checks, improving reporting accuracy and accelerating decision-making across departments.

Summer Intern, Tata Consultancy Services, Hyderabad   Jun 2023 – Aug 2023
- Led the development and maintenance of a mobile software application using Microsoft PowerApps, enhancing user experience and driving a 40% increase in user engagement.
- Investigated error logs and orchestrated cross-functional debugging sessions, decreasing crash rates by 25% and strengthening app reliability.
- Architected backend workflow optimizations with Microsoft Power Automate, cutting query execution time by 50% and enabling real-time data access for critical business functions.

SKILLS

- **Programming Languages:** C, Java, Python.
- **Web development:** HTML, CSS, Flask, React.js, Next.js, Bootstrap, TypeScript, React Native, Tailwind CSS.
- **API's & Integrations:** RESTful APIs, OpenAI API.
- **Methodologies:** Agile, Software Engineering.
- **Data Management:** DBMS, MySQL, PostgreSQL.
- **Frameworks:** Git, AWS.
- **Tools:** Microsoft Power Automate, Salesforce Process Builder.

PROJECTS

Cover Letter Generator, Oregon State University   Nov 2024 – Dec 2024
[link]: https://github.com/Skateslavasker/Cover-Letter
- Built a user-friendly web application utilizing TypeScript, Next.js, Flask, and OpenAI GPT-3.5/4, analyzing existing cover-letter workflows to provide tailored templates for LinkedIn job postings.
- Integrated Word document downloads, achieving 95% browser compatibility and simplifying the process for users.
- Maximized responsiveness and scalability by integrating Tailwind CSS, improving overall UX.

Human Body and Cloth Segmentation, Vasavi College of Engineering, Hyderabad   Nov 2023 – May 2024
[link]: https://github.com/Skateslavasker/cloth-segmentation
- Developed an accurate DenseNet model for segmenting the human body and clothing from fashion images which identifies apparel based on color, texture, and shape, achieving an accuracy of 86%, a 10% improvement over previous methods.
- Implemented real-time processing capabilities using OpenCV and TensorFlow, achieving inference speeds of <200ms on standard hardware.
- Refined the segmentation process with TensorFlow, Keras, NumPy, Pandas, Python, OpenCV, and Scikit-learn, reducing errors and training time through iterative data assessments.