Anuhya Peddi

AWS Cloud Practitioner

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EDUCATION

Bowling Green State University **Bowling Green, OH, USA**
Master of Science in Computer Science *Aug 2022 - April 2024*
Relevant Courses
Design and Analysis of Algorithms, Machine Learning, Software Engineering, Software Security, NLP

Mallaready Engineering College for Women **Hyderabad, India**
Bachelor of Science in Computer Science *Aug 2017 - May 2021*
Relevant Courses
Operating Systems, Database Management Systems, Intro to Java, Python, Web Development

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML, CSS, Java, Node.js
Libraries/Frameworks OpenCV, React Native, Django, FastAPI, Tensor-Flow, Pytorch, Pandas, Matplotlib, Scikit-learn
Tools: Postman, PowerBI, Tableau, Git, Figma
Cloud Technologies: AWS, Lambda, DynamoDB, S3, EC2, SQS, SNS, EMR, Digital Ocean
Databases: MongoDB, PostgresQL, DynamoDB, Neptune

WORK EXPERIENCE

Software Engineer **Bowling Green, Ohio**
Senecio Corporation, Bowling Green, Ohio *May 2023 - Present*
- Used Python FastAPI to develop REST API and AWS services for infrastructure deployment.
- Developed a user-friendly web and mobile application using the JavaScript, React and React Native framework.
- Designed a visually appealing and user-friendly interfaces using Figma.

NLP Intern **Hyderabad, India**
Spotle.AI *May 2020 – July 2020*
- Developed a module using natural language processing (NLP) to identify the emotional tone in text.
- The module was built using Python, NumPy, WordCloud, NLTK, and TensorFlow.

Machine Learning Intern **Mumbai, India**
Get Set Code(GSC) *Dec 2019 – March 2020*
- Developed an Auto-Braking System and Pedestrian Detection for an Autonomous Vehicle System.
- Used Matplotlib, Scikit-learn, and NumPy to enhance the safety and efficiency of autonomous vehicles by implementing features that can detect pedestrians and apply automatic braking when necessary.

PROJECTS

- **Credit Card Fraud Detection**, Developed a project to identify fraud detection in financial transactions. Used a machine learning model to create a system capable of automatically identifying suspicious or fraudulent transactions and helping individuals and businesses from potential financial losses.
- **Movie Recommendation System**, Developed a movie recommendation system that leverages user's past movie ratings and viewing history. Implemented machine learning algorithms such as Singular Value Decomposition (SVD) for collaborative filtering, and Term Frequency-Inverse Document Frequency (TF-IDF) for content-based filtering.
- **Bot Detection**, Created an advanced machine learning model to discern between bot-generated and human-generated text with high precision. Employed a diverse array of algorithms including Support Vector Machine (SVM), Random Forest, Logistic Regression, Decision Tree, and K-Nearest Neighbor to achieve robust performance.
- **Employee Punching Web Application**, Designed and developed an employee time tracking web application enabling employees to log their work hours. Implemented functionality to generate an employee's pay slip based on the recorded hours. Technical skills utilized include Node.js, HTML, CSS, Axios, Moment, MaterialUI, and React-router-dom.

CERTIFICATION

- **AWS Cloud Practitioner** Link