Anuhya Peddi

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SUMMARY

Experienced **AWS Certified Cloud Practitioner** with over 3 years of backend development experience. Skilled in developing highly scalable enterprise web applications and REST APIs. Proficient in all stages of the software development life cycle (SDLC), from requirements gathering and analysis to design, development, testing, documentation, deployment, and production support.

EDUCATION

Bowling Green State University	**Bowling Green, OH, USA**
Master of Science in Computer Science	*Aug 2022 - April 2024*
Malla Reddy Engineering College for Women's	**Hyderabad, Telangana, India**
Bachelor of Science in Computer Science	*Aug 2017 - May 2021*

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript
Frameworks and Tools: Spring, AWS Services, AWS Powertools, PostgreSQL, MongoDB, Jenkins, Redis, Docker, Maven, Kubernetes, Jira, Git, React, React Native, AngularJs, VueJs, Digital Ocean, PowerBI, Tableau, Figma, Postman, Node.js, Django, Flask, FastAPI, Tensor-Flow, Pytorch, Pandas, Matplotlib, Scikit-learn, OpenCV.

WORK EXPERIENCE

Software Engineer — **Bowling Green, Ohio**
Senecio Corporation — *May 2023 - Present*

- Developing and maintaining web and mobile applications using JavaScript, React and React native framework.
- Developed a RESTful API for accessing public places using longitude and latitude coordinates. This API enables users to retrieve information about nearby locations, facilitating exploration of their surroundings with ease.
- Implemented Redis for server-side caching, resulting in a performance improvement of over 100% for the API.
- Designed visually appealing and user-friendly interfaces using Figma.

Software Engineer — **Pune, India**
Zplus Cyber Secure — *Aug 2020 – Aug 2022*

- Optimized a RESTful API for a healthcare application, reducing response times by 50% and improving overall system performance by 30%.
- Utilized Node.js and Express.js framework to optimize applications for maximum speed and scalability.
- Developed an asynchronous, serverless RESTful API using AWS Step Functions, enabling users to retrieve data in bulk.

NLP Intern — **Hyderabad, India**
Spotle.AI — *May 2020 – July 2020*

- Developed a module using natural language processing (NLP) to identify the emotional tone in the text 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

- **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 various algorithms including Support Vector Machine (SVM), Random Forest, Logistic Regression, Decision Tree, and K-Nearest Neighbor to achieve robust performance.

CERTIFICATION

- **AWS Cloud Practitioner**   Link