Prajna Shetty Jagannath

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SKILLS SUMMARY

Languages: C, C++, Java, Python, Javascript (ES5/ES6), PHP, SQL, HTML, CSS, R.
Frameworks: React.js, Node.js, RestAPI, Flask, Android.
Tools: MS SQL Server, MongoDB, AWS, Git, Firebase, Linux, Power BI, NumPy, Pandas.
Skills: Frontend, Backend, Full-Stack, CI/CD, Data Visualization, Data Crawling, Machine Learning, ETL/ETL, NoSQL.

EXPERIENCE

Software Engineer   02/2023 – Present
Syneren Technology Corporation   *Vienna, VA*
- Built deployment tools for CI/CD using AWS Elastic Beanstalk and S3 that **cut short build times by 30%.**
- Researched and developed 3 proof-of-concepts (POCs) that were used to successfully present to 2 clients, **resulting in 50% increase in client engagement.**
- Implemented and deployed 5 software enhancements, resulting in a **20% increase in customer satisfaction.**
- Collaborated with cross-functional teams, enhancing code design and development for a **25% faster system response**. Performed unit testing and offered technical expertise across diverse full-stack tools and technologies.

Data Engineer Intern   08/2022 – 12/2022
Mitre   *McLean, VA*
- Conducted end-to-end data analysis and modelling, from data inventory creation to data cleaning, exploratory data analysis, and machine learning model implementation with Python, contributing to **45% increase in accuracy.**
- Architected a machine learning model to extract relevant news articles from large datasets and achieved **85% accuracy** through data pre-processing, feature engineering, and model fine-tuning.
- Conducted data pre-processing using Spacy and NLTK libraries, performing stop-word removal and lemmatization, optimizing data quality for analysis, and **enhancing accuracy by 25%.**

Artificial Neural Networks Intern   05/2019 – 08/2019
Navigem Data   *Bangalore, India*
- Engineered a proficient deep learning model achieving an **80% accuracy rate** for categorizing faces within a face recognition attendance system.
- Actively engaged in sprint planning sessions, resulting in a 20% reduction in feature implementation time.

EDUCATION

George Mason University   Fairfax, VA
Master of Science in Data Analytics   *01/2021 – 12/2022*

Nitte Meenakshi Institute of Technology   Bangalore, India
Bachelor of Engineering in Computer Science   *08/2016 – 08/2020*
Relevant Courses: Data Structures, Analysis & Design of Algorithms, Object Oriented Programming.

PROJECTS

Currency Detection | *Python, Android, Java, Git*
- Developed a Android app catering to visually impaired individuals, with an **accuracy of 85%**. The app encompasses features such as identifying counterfeit/valid currencies, detecting denomination, and leveraging OCR/TTS functionalities for precise document reading.
- The code can be found on GitHub at https://github.com/psjprajna/App-for-visually-impaired.

Amazon Clone | *React, Firebase, Git*
- Crafted an Amazon Clone with user-friendly design, improved product features, and secure payment processing, **leading to a 20% rise in user engagement** and a 15% increase in successful transactions.
- The code can be found on GitHub at https://github.com/psjprajna/Amazon-Clone.