Poojitha Mathi

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Education

Indiana University Bloomington - 3.744 GPA   **Aug 2022 – May 2024**
Master of Science in Computer Science   *Bloomington, Indiana*

Coursework : Applied Algorithms, Applied Machine Learning, Elements of Artificial Intelligence, Data Mining, Software Engineering, Advanced Database Concepts, Security for Networked Systems, Computer Networks, Creativity, Innovation, & Technology, Information Visualization

Gayatri Vidya Parishad College Of Engineering(A) - 84.31%   **Sep 2014 – April 2018**
Bachelor of Technology in Computer Science and Engineering   *Visakhapatnam, India*

Experience

Infosys Limited   **Jul 2021 – Jul 2022**
Specialist Programmer   *Hyderabad, Telangana*

- Developed a single-page Angular web application utilizing **Spring Boot, AngularJS, HTML5, CSS3, and JavaScript**. Implemented comprehensive test coverage with JUnit, ensuring over 90% Sonar test coverage.
- Engineered microservices and leveraged **Consul** for automating network configurations, service discovery, and ensuring secure connectivity. Conducted performance testing using **Apache JMeter**.
- Orchestrated continuous integration with **Jenkins** and managed version control using **Git**. Conducted thorough technical analysis of user stories to devise optimal solutions. Proactively engaged in troubleshooting, debugging, and upgrading applications to ensure high responsiveness and efficiency.

Infosys Limited   **Oct 2020 – Jun 2021**
Senior Systems Engineer   *Hyderabad, Telangana*

- Implemented frontend for web application using **Angular 10, CSS3, HTML5, Bootstrap, and TypeScript**.
- Maintained version control and source code management with **Git**, adhering to development guidelines to ensure software stability and efficiency.

Infosys Limited   **Feb 2019 – Sep 2020**
Systems Engineer   *Hyderabad, Telangana*

- Implemented frontend for web application using **Angular7, Angular8, CSS3, HTML5, Bootstrap, Typescript**.
- Maintained version control and source code management with **Git**, adhering to development guidelines to ensure software stability and efficiency.

Infosys Limited   **Sep 2018 – Jan 2019**
Systems Engineer Trainee   *Mysore, Karnataka*

- Developed WANDERLUST full stack web application capstone project using **ReactJS, MongoDB, Express, NodeJS, HTML5, CSS3 , Bootstrap, PrimeReact**.

Projects

Automotive Service Web Application | *Javascript, ReactJS, Angular12, Typescript, Express, MongoDB*   **June 2021**

- Developed two different versions of the front end for this web application using ReactJS, Angular12, Javascript, Typescript, Express, and MongoDB.

Image Classification of Fashion Garments using Convolutional Neural Networks   **April 2023**

- Developed machine learning models to categorize clothing images utilizing **VGG16, Resnet50, and DenseNet201**.
- Conducted Data Preprocessing & Exploratory Data Analysis to refine and analyze the dataset.
- Implemented visual similarity search by employing **KNN** algorithm to retrieve comparable products.

Technical Skills

Languages: Python, Java, C, C++, HTML5, CSS3, JavaScript, Typescript, Bash
Databases: SQL, MongoDB, Cassandra, Azure Cosmos DB
Developer Tools/Platforms: AWS, Azure, Docker, Kubernetes, Apache Kafka, Visual Studio Code, Eclipse, PyCharm, Spring Tool Suite, SQL Developer, Apache JMeter, Postman, SoapUI, mPutty, Filezilla, WinSCP, Jenkins, GitHub, pgAdmin, Jupyter Notebook, Google Colab, PowerBI, Gephi, VMWare Fusion
Libraries/Frameworks: Bootstrap, ReactJS, Angular, AngularJS, Spring Boot, Express, NodeJS, Django, Flask, Hibernate, Jasmine, JUnit
Big Data Frameworks/Tools: Hadoop, Hive, Apache Spark, Apache Storm