Lakshmi Sabari Priya Jaini

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EDUCATION

New York University — Sep. 2022 - May 2024
Master of Science in Computer Science | GPA - 3.788/4

Vellore Institute of Technology — Jun. 2016 - May 2020
Bachelor of Technology in Information Technology | GPA - 9/10

EXPERIENCE

Full Stack Web Developer — Jul. 2024 - Present
Fresh Roasted Coffee LLC, Sunbury, PA | Project – E-Commerce Web Development
- Developed and deployed Coffee and Tea Quiz: Created an interactive Quiz using JavaScript, HTML, CSS, and Liquid, with a Python Flask backend. Deployed on AWS Lambda and used S3 for storage.
- Spearheading the website redesign and implementing a custom bundling feature to offer discounted bundles.

Software Developer Intern — Jun. 2023 - Aug. 2023
Interactive Brokers, Greenwich, CT | Project – Portfolio Analyst Dashboard
- Developed a new widget within the Portfolio Analyst web page to display Greek variables, including Delta, Gamma, Theta, and Vega, using Java and RESTful API services.
- Contributed to developing dedicated sections in PDF and CSV reports to showcase Greek risk measures, enhancing the overall usability and comprehensiveness of the reports.

Software Engineer — Sep. 2020 - Jun. 2022
Shell India Markets, Bangalore | Project – US TABS Demand Allocation and Management
- Developed a Perl script to orchestrate the data flow between 3 systems to streamline the entire interface.
- Crafted an automation solution to counter the manual task of data collection and processing for 210 terminals for project cutover day with a Python script and saved 45 days of manual effort.
- Analyzed requirements, performed system integration testing using Selenium C# and reported defects for a business-critical demand allocation system for 210 terminals and achieved 100% Defect Removal Efficiency.

Software Engineering Intern — May 2019 - Jun. 2019
Hitachi Consulting, Hyderabad | Project – Web usage mining with Apache log data
- Pre-processed 30,000+ Apache logs and built a Django web app to visualize access patterns using Python pymining.

SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, C#, Perl, R, SQL, Matlab
Web Development and Databases: Flask, Django, React, AngularJS, GraphQL, MongoDB, MySQL, PostgreSQL
Data Analysis and Big Data: RapidMiner, Tableau, Power BI, Hadoop, Spark, PyTorch
Other: Git, GitHub, Docker, Kubernetes, AWS (S3, Lambda, Amplify) OpenShift, Swagger OpenAPI, Selenium, GKE

PROJECTS

E-commerce Shopcarts Microservice | GitHub | *Python, Flask, TDD, Docker, Kubernetes*
- Developed a Python-based E-commerce Shopcarts Microservice with Flask, Swagger API documentation, and Docker containerization, achieving 95% test coverage.
- Managed Kubernetes and OpenShift CD deployments, showcasing expertise in microservices and CI/CD practices within an Agile team

Symptom Based Disease Prediction | GitHub | *Python, Flask, MongoDB, Tensorflow, Keras*
- Implemented PCA, SVM, Artificial Neural Network, Decision Tree, and Multinomial Naïve Bayes on a real time dataset and achieved the highest accuracy of 95% using decision tree model.
- Built a dynamic web application using the decision tree model to predict diseases based on symptoms and recommend nearby doctors of required specialization.

ACHIEVEMENTS

Google CS Research Mentorship Program Scholar - *Matched with a Google mentor for guidance in CS research*
Five-Star Honors from Shell India Markets - *Received by Project Manager for Significant Contribution*
Best Learners Mindset award from Shell India Markets - *Received for supporting other projects in automation coverage*