

Lakshmi Sabari Priya Jaini

☎ (551) 328-7978 | ✉ lj2330@nyu.edu | 📁 Portfolio | 📄 LakshmiSabariPriyaJaini | 🌐 JainiPriya

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, Remote, US | Project – E-Commerce Web Development

- Built and deployed an interactive Coffee and Tea Quiz using JavaScript, Liquid, and Python Flask, hosted on AWS Lambda with S3 storage, improving customer engagement on the site.
- Leading the migration to a new Shopify 2.0 theme, optimizing site performance, enhancing responsiveness, and refining Liquid templates for a fresh, modern look and improved user experience.

Software Developer Intern

Jun. 2023 - Aug. 2023

Interactive Brokers, Greenwich, CT | Project – Portfolio Analyst Dashboard

- Engineered a real-time options analytics widget for the Portfolio Analyst web page using Java and RESTful APIs, providing key risk metrics and performance insights for thousands of options traders globally.
- Contributed to developing sections of PDF and CSV reports to integrate Greek risk metrics, improving user experience and report comprehensiveness for portfolio analysis.

Software Engineer

Sep. 2020 - Jun. 2022

Shell India Markets, Bangalore | Project – US TABS Demand Allocation and Management

- Developed Perl scripts to orchestrate the data flow between 3 systems to streamline the entire interface.
- Automated data collection and processing for 210 terminals, saving 45 days of manual effort with a Python script.
- 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 analyzed frequent access patterns using Python pymining, building a Django web app to visualize the results.

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*

- Created 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