

Pauleene Jordan

908-335-5024 | pauleenejordan@icloud.com | linkedin.com/in/pauleene-adirea-jordan | pauleenejordan.netlify.app

EDUCATION

Rutgers University

Bachelor of Science in Computer Engineering, Minor in Computer Science

New Brunswick, NJ

09/2019 – 01/2023

EXPERIENCE

Software Engineer – Full Stack Developer

02/2023 – Present

Fannie Mae

Reston, VA

- Built **AngularJS** web applications enabling internal users to submit financial datasets via **REST APIs** to **AWS SageMaker ML pipelines**, processing **50K+ loan records weekly** and generating automated financial analysis
- Designed reusable **UI component libraries** used by **5+ internal teams** to construct payloads and trigger backend services across **3+ enterprise systems**
- Developed backend **Python microservices** to validate, transform, and analyze datasets spanning **17M+ mortgage records**, enabling scalable internal analytics and financial reporting tools
- Optimized complex **SQL queries and stored procedures** in **PostgreSQL and Amazon Redshift**, improving large-scale data pipeline performance by **30%**
- Deployed and maintained applications using **AWS ECS, EC2, Lambda, S3, DynamoDB**, supporting infrastructure handling **thousands of API transactions daily**
- Served as **Production Release Lead**, coordinating deployment of full-stack applications across environments, executing release validation checks, and ensuring stable production releases for systems processing **17M+ mortgage records**

Software Engineering Co-op

08/2022 – 12/2022

Johnson & Johnson

Raritan, NJ

- Developed **React and TypeScript front-end interfaces** integrated with backend APIs to streamline hospital workflows for medical equipment ordering
- Implemented reusable UI components and improved application performance while collaborating with designers and backend engineers in Agile Scrum teams

Software Engineering Intern

06/2022 – 08/2022

Fannie Mae

Reston, VA

- Supported migration of full-stack applications from on-prem infrastructure to **AWS**, contributing to a **30% reduction in operational costs**
- Implemented automated testing using Selenium and Cucumber to improve frontend and backend regression coverage

Technology Mentee

07/2022 – 08/2022

Capital One

Remote

- Selected from 360 participants for technical training in cloud computing and cybersecurity; built a Python application integrating external APIs

Cybersecurity Research Extern

09/2021 – 12/2021

Rutgers MBS Externship Program

New Brunswick, NJ

- Led a team of five researchers analyzing system and supply chain vulnerabilities and presenting findings to academic and industry stakeholders
- Developed data visualizations using Tableau to communicate insights and improve research efficiency by **20%**

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL, C/C++

Frontend: React, Angular, HTML, CSS, UI Component Development

Backend: Python (Flask, FastAPI), Spring Boot, Node.js, REST APIs, Microservices

AI / Data: AWS SageMaker, Data Pipelines, Data Modeling, Large-Scale Dataset Processing

Databases: PostgreSQL, Amazon Redshift, DynamoDB

Cloud & DevOps: AWS (EC2, ECS, Lambda, S3, DynamoDB, RDS, CloudWatch), Docker, CI/CD Pipelines

Tools: Git, Tableau, Agile/Scrum