MURTALA ALIYU

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Academic Portfolio

Rutgers University	New Brunswick, NJ
Bachelor's Degree, Computer Science	Sep 2013 - Aug 2017

Professional Portfolio

Software Developer	Arlington, VA
Syneren Technologies Corporation	Feb 2018 – present

- Event Stream Processing (Java, Spring Boot, Kinesis, MySQL/RDS, Maven)
  - Contributed to a team that wrote SQL queries on real-time streams using Kinesis Data Analytics.
  - Helped deliver a web-based analytics dashboard on analyzed data through ChartJS.
- Audit Reporting System (PHP, MySQL, Apache Server, Jenkins)
  - Developed Syneren's internal audit management web application.
  - System let's project managers keep track of their project lifecycle - from requirements gathering, to deployment.
  - Set up a Jenkins pipeline for Continuous Integration & Continuous Delivery.
- Syneren.com (NodeJS, USWDS, EC2)
  - Designed and developed our corporate website using US Web Design System's NodeJS framework. Features include a contact form and on-site job applications.
- NORD Suite (Java/Android, NodeJS, Tensorflow, Epson BT300 Smartglasses)
  - Helped design and develop an Augmented Reality device remote communication system.
  - Suite of apps allows remote users to send data to each other and to a central computer.
- Case Management System (C#, .NET Core API, HTML/CSS/JS, MySQL, Microsoft IIS)
  - Wrote additional APIs to an existing case management system.
  - Helped develop additional features like the reports and analytics pages.

Personal Portfolio

Maze (Javascript, Matter.js)
- Worked with the Matter.js library to draw a maze (hint: use the W, A, S, D or arrow keys on your keyboard to move the ball to the green target).

Secret Messaging (Javascript, Bulma.js)
- Send secret messages to your friends with this web app.
- Utilized bulma.js library for styling.

Movie Wars (Javascript, Bulma.js)
- Not sure what movie to watch? This application will help you decide.
- Used the bulma.js library for styling here as well.

Technical Skills

Programming	Java, C#, PHP, C, TypeScript, ColdFusion
Scripting	JavaScript/Node.js, Python, Matlab
Frameworks	Spring, Express, Blazor, Next.js
Databases/Storage	Postgres, MongoDB, MySQL, S3, SQL Server, Redis, RDS
Event Streaming	NATS Streaming, Kinesis, Kafka, Bull
Testing	Jest/Supertest, Mocha/Chai, JUnit, Selenium
Version control	Git (Github, GitLab, CodeCommit), SVN
Networking	Ngrok, Postman, Fiddler
Cloud	AWS, GCP, Azure, Digital Ocean
DevSecOps	Jenkins, Docker, Kubernetes, Ingress-Nginx, Skaffold, Vercel, Sonarqube, Github Actions, GitLab CI/CD, Maven, CodeDeploy

Certifications

- Certified ScrumMaster® (CSM®)
- IRS VITA Volunteer