

Aishwarya Ravichandran

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AWS Certified Cloud Practitioner with 6+ years experience in Software Development and Testing

EDUCATION

Master of Science in Computer Science

Sep 2023 - Present

Northeastern University, Portland, ME

Data Structures & Algorithms, Cloud Computing (AWS), Natural Language Processing, Machine Learning, Web Development, Programming Paradigm

CERTIFICATION

- AWS Certified Cloud Practitioner ([Credential](#))

PROJECTS

Music Application with Recommendation System [JSP, Servlets, HTML, CSS, JavaScript, Python, Flask]

- Developed a dynamic music app using Ajax and implemented the music recommendation feature using collaborative filtering

Sports Article Generation [LLMs: Llama3 8b, Mistral 7B; Python, Flask, APIs, JSP, Servlets, HTML, CSS, JavaScript]

- Developed a web application that generates sports articles using commentary data collected from cricbuzz APIs and trained using LLMs

House Quest Application [JSP, Servlets, HTML, CSS, JavaScript]

- Developed a house quest application to find the nearest housing option based on the selected location using Dijkstra's algorithm

WORK EXPERIENCE

Northeastern University, Portland, ME

Graduate Teaching Assistant

Jan 2024 - Present

Programming Paradigm, Cloud Computing, Data Structures and Algorithm

Assessed course assignments and provided mentorship to 10+ student team projects, enhancing engagement and comprehension of Web Applications and Cloud Services

Skills: React • JavaScript • jQuery • Bootstrap • NodeJS • MySQL • MongoDB • PostgreSQL • Docker • Local Stack • Terraform

Accenture, Chennai, India

Security Delivery Senior Analyst

Aug 2020 - Aug 2023

- Developed SailPoint IAM for Accenture clients, including system architecture, user profiles, and access controls.
- Expertise in data mapping, automation, and API integration.
- Established robust access rules and designed optimized workflows and features for user management.
- Provided documentation, demos, and effective communication for clients.
- **Skills:** Java • Postman API • XML • JSON • Microsoft Visio • SailPoint IIQ • IdentityNow

Quality Engineering Analyst

Nov 2016 - July 2020

- Contributed to all phases of the testing lifecycle, including planning, script design, execution, and defect tracking, ensuring high-quality deliverables.
- Created requirement traceability matrices to align testing with project objectives.
- Prepared detailed test execution and defect reports for informed decision-making and issue resolution.
- Conducted UAT demos to showcase functionality and gather stakeholder feedback.
- Developed training resources to equip team members with essential skills and knowledge.
- **Skills:** Regression Testing • Smoke Testing • Integration Testing • Microsoft Excel • Performance Testing • Functional Testing • User Acceptance Testing • API Testing