

# JULIA WILLIAMS

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## SUMMARY

Technology Consultant in Software/Analytics Engineering with experience across Python, SQL, Snowflake, and cloud-based data systems, currently delivering client-facing AI chatbot solutions and supporting large-scale data reporting in production environments. Strong at translating complex business requirements into actionable technical solutions and driving forward scalable backend development.

## SKILLS

**Languages:** Python, Java, C/C++, SQL, Bash, HTML/CSS, JavaScript, Swift (familiar)

**Cloud & DevOps:** AWS (EC2, Lambda, S3, RDS, Secrets Manager, SES), GCP, Azure, Docker, basic Kubernetes, CI/CD (GitHub Actions, GitLab), Terraform

**Monitoring/Logging:** CloudWatch, AWS X-Ray, Grafana, Prometheus

**Databases:** PostgreSQL, MySQL, Amazon RDS

**Tools:** Git, Confluence, Jira, Jenkins, Snowflake, Tableau, SAS, OpenAI

**Other:** RESTful APIs, ML Concepts, Data Analytics, Agile/Scrum

**Certifications:** AWS Certified Cloud Practitioner (April 2023)

## EXPERIENCE

### **Accenture** — *Software and Analytics Engineer*

REMOTE, 2022 - PRESENT

- Provides analytics, cloud, and system development expertise for Fortune 500 clients
- Develops applications using large language models (LLMs) to enable intelligent, context-aware features in software
- Leads efforts on cloud-native application migration, e.g. containerizing legacy workloads using Docker and deploying via EC2
- Serves as principal Software Engineer for an internal side project regarding Machine Learning and stock-forecasting. Collaborates with Data Scientists to manage the data pipeline, implement predictive algorithms, and enhance infrastructure for elasticity and performance. Contributes backend and cloud architecture expertise as well as core Software Engineering knowledge
- Spearheads AWS cloud adoption efforts, including design, deployment, and ongoing analysis of scalable cloud-based systems
- Participates in code reviews, technical mentorship, and Agile ceremonies

### **ZSquare Solutions Inc.** — *Software Engineer Intern*

REMOTE, 2021

- Collaborated with a team of Software Developers from a client company to assist in the web development process
- Practiced Agile Methodologies when testing through the use of Jira

## EDUCATION

### **University of New Hampshire** — *B.S. Computer Science and Mathematics*

- Member, Society of Women Engineers
- Statistics and Programming Tutor
- Lead Resident Advisor - earliest promotion in school history
- GPA: 3.50/4.00 (Cum Laude)