

(JVS@JOELSAMUEL.COM)

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JOEL V. SAMUEL

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SUMMARY

Experienced Software and Cloud Engineer with over 4 years of expertise, specializing in the design, development, and deployment of mission-critical applications for private enterprises, non-profit organizations, and government agencies. Proven track record in utilizing CI/CD pipelines to deliver robust solutions across both cloud and on-premises (bare metal) environments.

A confident and results-driven team member recognized for fostering collaborative, high-trust engineering cultures that prioritize transparency, open communication, and cross-functional alignment. Adept at guiding interdisciplinary teams to successfully execute complex technical initiatives that meet strategic business goals.

CAREER OBJECTIVES

University of Maryland, College Park graduate with a **Bachelor's degree in Computer Science** and currently pursuing a **Master's in Cloud Computing on weekends only**. Actively certified in both **AWS Certified Cloud Practitioner** and **AWS Certified Solutions Architect – Associate**. Seeking a challenging Software or Cloud Engineering position within an innovative organization where I can apply my technical expertise, drive impactful cloud-based solutions, and continue to grow professionally in a dynamic, forward-thinking environment.

EDUCATION

Master's in Cloud Computing (University of Maryland Global Campus)	G.P.A. 4.0 ; 6/2026
Bachelor's in Computer Science (University of Maryland, College Park)	G. P. A. 3.1 ; 12/2021
Graduated from James Hubert High School	G. P. A. 3.91 [4.65 Weighted] ; 6/2017

CERTIFICATIONS

AWS Certified Solutions Architect (8/30/2024 – 8/30/2027)

https://www.credly.com/badges/0a46d1fd-d92b-4a07-a268-70c0cdb617b5/public_url



AWS Certified Cloud Practitioner (7/31/2023 – 8/30/2027)

https://www.credly.com/badges/bec93dfb-0aaa-4386-be32-af07631ef44/public_url



WORK EXPERIENCES

2024/02 – Current

Websulting, LLC - Consultant

St. Gregorios Church, DC

<https://stgregorioschurchdc.org/#/credits>

Cloud Engineer

- Deployed Java EE (JEE) web application archives (WAR files) on Google Cloud Platform (GCP) by configuring and managing virtual machine (VM) instances.
- Installed and configured JBoss (WildFly) application server on GCP VMs to host enterprise-grade web applications.
- Administered and maintained Linux-based VM environments, performing regular updates, security patches, and performance optimizations.

- Executed version upgrades of JEE applications, ensuring backward compatibility, code integrity, and proper deployment through testing and validation.
- Automated deployment procedures using shell scripting and configuration management practices to improve operational efficiency.
- Implemented secure access protocols and firewall rules to protect cloud-hosted services and ensure compliance with organizational policies.
- Monitored system logs, server performance, and application health to proactively resolve issues and minimize downtime.

2022/10 – 2024/01**W2 and 1099 Management System (OPRS)****Software Engineer**

Office of Pay and Retirement (OPRS) DC Government

Consultant

- Managed the W2 and 1099 Management System serving all residents of Washington, D.C., supporting reprints, corrections, and regulatory compliance for year-end tax documentation.
- Hosted and maintained the system on on-premises, bare-metal infrastructure, ensuring high availability, security, and data integrity across all services.
- Implemented system monitoring, routine backups, and disaster recovery protocols to safeguard critical tax data and minimize service disruptions.
- Performed regular system upgrades, applied security patches, and fine-tuned server configurations to optimize performance and support peak-season loads.

2022/01 – 2022/10**Church Website Development****Software Engineer**

Websulting, LLC - Consultant

<https://stgregorioschurchdc.org/#/credits>

- Collaborated with a cross-functional team to redesign and enhance the user interface (UI) and user experience (UX) of the stgregorioschurchdc.org website, resulting in improved usability and user engagement.
- Developed a dynamic, responsive web application adhering to industry best practices using Spring MVC, Hibernate (ORM), jQuery, and CSS.
- Participated in Agile development processes, including sprint planning and retrospectives, to incrementally deliver high-quality application features.
- Utilized Git for version control, managing individual feature branches and performing merges into the main branch post-sprint.
- Employed Eclipse IDE for development and used Maven to compile, manage dependencies, and package the application as a WAR file.
- Deployed the application on JBoss (WildFly) web server directly through the IDE, and automated deployment processes for efficiency.
- Managed and maintained SSL certificates to ensure secure HTTPS connections across the site.

Technologies Used: JEE, Spring MVC, Spring Data, JSTL, Hibernate, Derby, JQuery, JavaScript, CSS, GIT, Eclipse IDE

Methodology: Agile Methodology – Daily Standup, Retrospectives, Demos, and Sprint Planning

2019/08 – 2021/12

University of Maryland

Clarice Smith Performing Arts Center Production Crew Lead<https://theclarice.umd.edu>

- Acted as primary point of contact for clients, coordinating performance logistics and ensuring seamless setup to deliver exceptional service quality.
- Led and supervised production crew members, assigning tasks and overseeing the setup, operation, and teardown of staging, lighting, and audio-visual equipment.
- Ensured compliance with safety protocols and technical standards throughout all phases of event execution.
- Maintained and inspected equipment to ensure optimal performance and minimize technical disruptions during live events.
- Collaborated with performers, event coordinators, and venue staff to adapt to real-time changes and deliver professional-grade production support.
- Provided on-site troubleshooting and quick resolution of technical issues to support uninterrupted performances.

LANGUAGES & TECHNOLOGIES USED

Java	C	Python	Ruby	OCaml	Rust	C++
Spring MVC	Hibernate	JavaScript	CSS	JQuery	GIT	Maven
Quarkus	Spring Boot	Eclipse IDE	Wildfly Server	Agile	Derby	Panache ORM
Cloud Platform	AWS	Cloud Services				

EXTRACURRICULAR ACTIVITIES**The Learning Academy**

Mentoring middle school and high school students and guide them through curriculum including Mathematics, English, and Science. Work with these students every weekend to help them to advance in their studies. Maintain a positive relationship with the students and provide guidance to enable them to grow and eventually relate to the subject.

Stonegate Tutoring Club

Led an initiative to work with the Principal and the Staff of Stonegate Elementary School to set up a homework club dedicated to helping students who struggle with homework or who simply need a quiet workspace. The club recruited high school students who were willing to go to the elementary school for these students to receive extra help or mentorship.

REFERENCES

Furnished upon request.

PERSONAL DETAILS

U. S. Citizen - born and brought up in United States.

Willing to relocate as necessary.

Available to work full-time.