

# ZAID YAZADI

SOFTWARE ENGINEER | SOLUTION DEVELOPMENT | CLOUD COMPUTING

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Solution-oriented Software Engineer with a proven track record of leading and delivering high-impact, cross-functional projects across the software development lifecycle. Identifies scope while understanding underlying business requirements to drive aggressive timelines forward. Natural communicator who presents complex, technical information to a wide variety of audiences. Develops scalable systems, services, and programs to solve business challenges while ensuring quality, reliability, and availability.

## AREAS OF EXPERTISE

Software Engineering | Software Development | Data Analysis | Microservices Architecture | Technical Communications | Workflow Management | Performance Optimization | Robust Software Solutions | Team Leadership | Strategic Planning | DevOps | Data Storage | Coding | Software Maintenance | Software Development Lifecycle | Testing & Quality Assurance | Leadership | Cloud Computing | Prototype Development | Presentations | Continuous Improvement | Risk Management

## PROFESSIONAL EXPERIENCE

### CAPITAL ONE

August 2022 – Present

#### Associate Software Engineer

- Converged multiple partner authorization gateways into one, reducing assigned gateways from three to one, saving cost, resources, and maintenance efforts.
- Implemented code changes to incorporate data storage software into the gateway while maintaining expected performance levels, enabling proper log storage and analysis beyond 30 days.
- Slashed concurrent execution within gateway to resolve a race condition issue in health check lambdas, which decreased maintenance efforts and improved codebase clarity by combining health check and suppression lambdas.
- Onboarded multiple new partners to secure production gateways, fueling transactions and enhancing maintenance efforts without stopping real customer transactions.
- Collaborated in maintenance, updates, and testing of Payment Authorization gateways for various third-party partners using cloud, CI/CD, and testing tools.

### CAPITAL ONE

June 2021 – August 2021

#### Software Engineering Intern

- Developed an AWS Lambda Notification Engine and presented an initial prototype to management, enabling the full-time team to continue the cloud maintenance initiative and drive proper tracking of low-usage resources, reducing cost and improving utilization.
- Studied and implemented secure coding practices to prevent listed OWASP vulnerabilities.
- Attended multiple webinars and trainings for a variety of topics including technology and leadership.

### AIRV LABS / SIMULATED SURGICAL SYSTEMS

June 2020 – August 2020

#### Software Engineering Intern

- Tested robotic surgery simulation software for functionality prior to client product demonstrations.
- Decreased development costs by testing Nibiru HMD for software compatibility.
- Assisted in the creation of a patent application for a Virtual Reality telecommunication product.

## PROFESSIONAL EXPERIENCE CONTINUED

### IBM

June 2020 – November 2020

#### Federal Sector Early ID Program

- Won the Case Project Competition as a part of a team of three, decreasing accreditation fraud and the cost of Federal Accreditation Process with use of automation and machine learning.
- Attended multiple webinars for advancing students in federal consulting roles.

## EDUCATION

### Bachelor of Science, Computer Engineering | Pennsylvania State University, State College, PA

- GPA: 3.78
- Dean's List Student for all 4 years

## CERTIFICATIONS

### Certified Secure Software Engineer

### AWS Solutions Architect – Associate (In Progress)

## COMMUNITY LEADERSHIP

### Eagle Scout, Troop 251 | Silicon Valley Monterey Bay Council (055)

*Created and led a coat and toy drive for Syrian refugees.*

### Volunteer | Helping Hand for Relief and Development

*Honored with an award of appreciation for organizing and leading various charity drives and fundraisers.*

## LANGUAGES

English | Urdu

## TECHNOLOGY

Java | Python | Angular | HTML | JavaScript | SQL | C/C++ | XML | Verilog | Bash | Git | AWS | Docker | Jenkins | Linux | Windows | Express | Node.JS | PostgreSQL | gRPC | REST API | JPOS | TSYS | Postman | ServiceNow | Unity VR Development | Splunk | DataDog | NewRelic | OneLake | PagerDuty | JUnit | Cucumber | Apache JMeter | Swagger