

# Alex Poulos (PhD)

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## SKILLS

I am a seasoned backend cloud developer with experience in multiple backend frameworks (**JavaScript/Node.js**, **Java/Spring**, and **Ruby/Rails**) and cloud platforms (**AWS** and **GCP**). My experience includes writing and deploying both containerized apps on **kubernetes/GKE** and serverless applications using **Cloudformation** and **AWS Lambda**. I love to tackle difficult problems; I excel at **mentoring** younger developers and in **communicating** with technical and business audiences.

## EXPERIENCE

### **University of Maryland, College Park, MD** – *IT Engineer*

July 2019 – PRESENT (Full-Time)

- Maintain and develop integrations for core enterprise IAM systems responsible for SSO (single-sign on) and RBAC (Role-based access).
- Tech: AWS (Cloudformation/Lambda/ECS), Docker, Java/Spring, Node.js, Oracle, Linux, Vue.js

### **Equulus Consulting** – *Freelance Software Developer*

June 2017 – PRESENT (Part-Time)

- Built, deployed and maintained a variety of small containerized and serverless applications in GCP and AWS.
- Tech: React, Ruby (Rails)/Postgres/ElasticSearch, Kubernetes (GKE)

### **IBM, Raleigh, NC** – *Software Engineer*

May 2009 – August 2012

- Middleware development in Java / Desktop Java in Eclipse framework
- Tech: Java, Linux, PHP

## EDUCATION

### **Catholic University of America** – *MA & PhD (Classical Literature)*

August 2012 – May 2019, Washington, DC

### **North Carolina State University** – *BS (Computer Science)*

August 2008 – May 2012, Washington, DC

## AWARDS AND CERTIFICATIONS

AWS Solutions Architect, Associate (Dec. 2019 – Present)

Computer Science Senior Award for Achievement in the Humanities (2012)