# Michael Palmer

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## PERSONAL STATEMENT

AWS certified software engineer with over five years of experience working to build tools and automation to service cloud infrastructure while also pursuing a Master of Science in Computer Science at Georgia Tech.

## TECHNICAL SKILLS

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|---|---|
| Programming: | Bash, C, HTML, Java, JavaScript, Go, PHP, Python, SCSS, SQL |
| Frameworks: | AngularJS, Django |
| Deployment: | Ansible, AWS, Docker, Git, Helm, Jenkins, Kubernetes, Prometheus |
| Systems: | Android, Mac, Linux, Windows |

## EDUCATION

**Georgia Institute of Technology**, Statesboro, Georgia — GPA: 3.60
*Online Master of Science in Computer Science* — August 2017 – May 2021

**Georgia Southern University**, Statesboro, Georgia — GPA: 3.71
*Bachelor of Science in Computer Science, Minor in Information Systems* — May 2017

## PROFESSIONAL EXPERIENCE

**GE Digital**, Atlanta, Georgia — May 2019 - Present
*Senior Software Engineer*
- Provision accounts for the AWS (Commercial and GovCloud) and Azure environments
- Oversee the weekly identity deployments of AWS IAM and service control policies to all accounts

**GE Digital**, Atlanta, Georgia — March 2018 – May 2019
*Enterprise Application Engineer*
- Founding member of our Managed Cloud Operations team
- Designed automation for infrastructure running on AWS
- Implemented logging, monitoring, and alerting systems using Prometheus, Grafana, Elasticsearch, Logstash, and Kibana
- Developed a serverless solution to deploy and maintain AWS IAM resources across 500+ accounts

**Morris Technology**, Statesboro, Georgia — October 2016 – March 2018
*Senior Solutions Developer*
- Full stack development of browser-based SaaS applications using Django, Python, HTML, and SCSS
- Oversee weekly production deployments
- Design new application infrastructure, deployment, and monitoring strategies
- Manage on premise Prometheus server for metrics collection of production applications
- Created highly-available production Kubernetes cluster in AWS and led the application migration process
- Deployed on premise XenServer cluster for internal applications

**Morris Technology**, Statesboro, Georgia — August 2016 – October 2016
*Junior Solutions Developer, Team Lead*
- Performed full stack development of browser-based SaaS applications using Django, Python, HTML, and SCSS
- Utilized AWS, Docker, continuous integration (GitLab CI), and continuous deployment (Ansible + Jenkins)
- Oversaw training of part-time developers
- Served as a liaison between junior and senior developers

**Morris Technology**, Statesboro, Georgia — January 2016 – August 2016
*Junior Solutions Developer*
- Built mobile and web applications using Django and Ionic
- Explored production use cases for Docker in company application infrastructure and designed proof of concept

**The Home Depot**, Atlanta, Georgia                                      May 2016 – August 2016
  *IT Intern*
- Created a web-based tool that enables store managers to quickly understand how accounts in their profit and loss statements are performing and provide a means to take corrective action
- Collaborated with a small agile team to develop the frontend and backend of an investor relations interface using Angular, Spring Boot, and MySQL
- Integrated REST service to perform single sign on authentication
- Deployed new and existing Java applications to company cloud infrastructure
- Utilized pair programming to both teach and learn from co-workers

**BMW Manufacturing Company**, Greenville, South Carolina                  May 2015 – December 2015
  *Intern*
- Implemented a scalable pilot project which consolidates production data from multiple systems, performs calculations, and displays the critical information on web reporting dashboards
- Utilized the agile development model and communicated with business users in Germany on a daily basis
- Enhanced business awareness of the status of their processes to reduce the risk of production downtime

**BMW Manufacturing Company**, Greenville, South Carolina                  January 2014 – August 2014
  *Intern*
- Developed and implemented multiple business applications in production
- Learned about IT project management using the waterfall development model
- Revised existing solutions to reduce liability and increase efficiency

## CERTIFICATIONS

- AWS Certified SysOps Administrator – Associate          November 2018 – November 2020
- AWS Certified Solutions Architect – Associate                  June 2018 – June 2020
- AWS Certified Developer – Associate                               May 2018 – May 2020

## AWARDS AND ACHIEVEMENTS

- Zell Miller Scholarship                                                        2012 – 2017
- President's List                                                           2013, 2016, 2017
- Dean's List                                                          2012, 2014, 2015, 2016