MATTHEW MARTIN

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Architect, tech lead and developer of cloud native applications. See long resume for all keywords.

PROFESSIONAL EXPERIENCE

Tech Lead (Supervisor), Artemis Consulting, 2019-2024
- Support contract for US Copyright Office for AWS cloud native application
- Led technical team to deliver the Public Record copyright search engine to production, starting from a greenfield application.
- Wrote Python microservices hosted in ECS, TypeScript, Gitlab build scripts that deployed all artifacts to ECR, wrote Terraform code to deploy all parts of application.
- Did testing with, unit testing, localstack/moto, load testing, end-to-end testing.
- Supervisor for 3-5 subordinates, mostly software developers. Conducted technical interviews, wrote tickets, set quality standards, filled skill gaps, retained core dev team for five years.
- Maintained good relationships with client. Participated and complied with all areas of Agile Scrum and SAFe software methodology.

Systems Architect, ASRC, 2019-2019
- Contract at USPTO: Setup xibo kiosk PoC in AWS EC2. Setup Azure chatbot PoC.

Software Developer (Supervisor), Burson Marsteller, 2016-2019
- Maintenance development for AWS cloud native applications.
- Supervisor for 2-5 software developers.
- Managed AWS bill and saved $100k per year.
- Investigated and used Packer, Docker, Vagrant, Ansible to start migrating to Infrastructure-as-Code

Senior Software Engineer, Forsmarsh, 2014-2016
- Support contracts for NIST and Veteran's Administration, .NET and Python

Software Developer, CACI, 2012-2014
- DoD at the Pentagon: Javascript, ASP.NET/C#, Oracle application development.

Senior Consultant, Procentrix 2008-2012
- Support contract for TSA: Maintenance for a ASP.NET and SQL Server application

DBA/Software Developer III, DRC, 2005-2008
- Support contracts for USAF and NARA: SQL DBA and C#/ASP.NET development

Systems Developer I, Prince William County, 1998-2005

SKILLS

- **Expert:** Python, C#, TypeScript, Javascript. **Legacy:** VB6, VBA, VB.NET.
- **AWS Data Stores Used:** Opensearch, Dynamodb, Elasticcache, RDS, Redshift, SQS, ECS, Lambda, ALB, API Gateway, Cloudfront, EC2
- **Cloud:** AWS EC2, ECS, ECR, RDS, API Gateway, ALB, DynamoDB, SQS, some Azure
- **Ops:** SQL Server, Postgres, REDIS, Opensearch, Bash, Terraform, Docker

EDUCATION

Masters of Economics, University of Akron, Ohio, 1996-1998
BSBA Finance, University of Akron, Ohio, 1990-1996