

MATTHEW MARTIN

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I'm an experienced and effective technical lead. See long resume for full details of 24 years of experience.

I wrote python on a daily basis at Artemis Consulting and Burson Marsteller. This included writing the app, packaging it, deploying it and reviewing the python of other developers on my team.

UIPath & RPA. I participated in a proof of concept pilot at USPTO. While my participation was superficial, at other jobs I have automated Microsoft Office and browsers using far less userfriendly techniques. I have used screen scraping techniques at various times to deal with applications that have no API. I also used playwright for end-to-end testing.

I wrote some machine learning models at Burson Marsteller using scikit-learn for doing social media analytics. I was maintenance developer for a variety of other machine learning models that I didn't create, but needed to work with the supporting code. This also involved doing maintenance development to keep the models running as the remote APIs evolved.

PROFESSIONAL EXPERIENCE

Tech Lead (Supervisor), Artemis Consulting, 2019-2024

- Support contract for US Copyright Office
- Led technical team to deliver the Public Record copyright search engine to production, starting from a greenfield application.
- 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.
- Wrote *significant* amounts of code in Python, TypeScript, Gitlab build scripts, Terraform code in all areas of the application.
- Maintained good relationships with client. Participated and complied with all areas of Scrum and SAFe software methodology.

Systems Architect, ASRC, 2019-2019

- Support contract for USPTO
- Participate in various proof of concepts for docker, kiosks, RPA, Azure Chatbots.

Software Developer (Supervisor), Burson Marsteller, 2016-2019

- Supervisor for 2-5 software developers.
- Maintenance development on legacy marketing and public relations analytics apps.

Senior Software Engineer, Forsmarsh, 2014-2016

- Support contracts for NIST and Veteran's Administration, .NET and Python

Software Developer, CACI, 2012-2014

- Support contract for Department of Defense at the Pentagon
- Maintenance developer for a Javascript, Telerik and ASP.NET hybrid front end.

Senior Consultant, Procentrix 2008-2012

- Support contract for TSA
- Maintenance developer for a ASP.NET and SQL Server application

DBA/Software Developer III, DRC, 2005-2008

- Support contracts for USAF and NARA
- SQL Server DBA tasks as well as application development tasks in C#, asp, ASP.NET

Systems Developer I, Prince William County, 1998-2005

SKILLS

- **Excellent:** Python, C#, TypeScript, Javascript. **Good enough:** Java. **Legacy:** VB6, VBA, VB.NET. **Willing and eager to learn:** Rust, Go, PHP, Ruby
- **Ops:** SQL Server, Postgres, REDIS, Opensearch, Bash, Terraform, Docker
- **Cloud:** AWS EC2, ECS, ECR, RDS, API Gateway, ALB, DynamoDB, SQS
- More keywords in long resume. Willing and eager to learn more about Azure.

EDUCATION

Masters of Economics, University of Akron, Ohio, 1996-1998

BSBA Finance, University of Akron, Ohio, 1990-1996