

# Matthew C Brumagin

<https://mcbrumagin.com>

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## Summary of Qualifications

Senior Software Engineer with a background in Agile/Scrum full-stack, cloud hosting, CI/CD, and polyglot microservices. Expertise in AWS, EKS, and GitLab CI, with a proven ability to lead projects, collaborate with stakeholders, and improve DevOps. Seeking a role within an organization looking to expand or modernize cloud applications and infrastructure.

## Professional Experience

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### Senior Software Engineer | Accusoft | Tampa, FL

Dec 2015 - Aug 2025

- Hosted and maintained Prizmdoc Viewer, PAS, and cloud portal & admin sites
- Deployed OCR, barcode, and digital signing services to EKS
- Assisted with a company-wide CRM migration of ~40k+ accounts to Salesforce
- Led the implementation of our Braintree e-commerce system
- Led the R&D of our Redis module which reduced usage authorization time by ~90%
- Supported multiple in-house product billing systems, w/ ~10k+ users/accounts
- Implemented/maintained Prometheus metrics & associated alerting/PagerDuty
- Cut deployment time in half by migrating to EKS/GitLab CI from Teamcity/EC2
- Reduced infrastructure and maintenance costs by ~50% with improved uptime
- Took ownership of and extended the cloud portal & admin React projects
- Optimized cloud service API test runs from ~50min to ~5min with a custom runner
- Served as a cross-functional Engineer & Scrum Master for several years
- Maintained and supported dozens of cloud services, apps, tools, and integrations

### Software Engineer II | Greenway Health | Tampa, FL

Aug 2013 - Nov 2015

- Developed new and existing patient portal systems, EHR display, databases, and APIs
- Migrated over a million patient records for ~70k+ healthcare providers
- Helped deliver a meaningful-use compliant system and passed 3rd party audits
- Collaborated with offshore engineers on backend portal system implementation

## Technical Skills

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### Programming Languages

JavaScript/TypeScript | Python | C# | Java | Golang | C/C++ | Scala | Bash/Shell

### Frameworks & Libraries

Node.js | React | React Native | Redux | Angular | Express | Restify | Prisma  
Sequelize | Jest | Mocha/Chai | Spring | Hibernate | JUnit | .NET Core  
Entity Framework | NUnit | xUnit | Django | Flask

### Cloud Platforms & Services

AWS | EKS | ECS | ECR | EC2 | Lambda | RDS | S3 | SNS | SQS | IAM  
CloudFormation | CloudWatch | ElastiCache | Route53 | GCP | GKE | Azure

### Infrastructure & DevOps

Docker | Kubernetes | Terraform | Helm | Prometheus | Grafana  
GitLab CI | GitHub Actions | TeamCity | CircleCI | Jenkins

### Databases & Storage

MySQL | PostgreSQL | SQL Server | Redis | Elasticsearch | DynamoDB  
MongoDB | Cassandra

## Personal Projects

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### Microservice Framework

<https://github.com/mcbrumagin>

- Zero-dependency server/client microservice modules: ***micro-js*** & ***micro-js-html***
- Features a service registry, routing, layered stack traces, and dynamic discovery

### Portfolio Website

<https://mcbrumagin.com>

- Built from scratch with only ***micro-js*** & ***micro-js-html***
- Deployed using Terraform, GitHub Actions, and AWS ECS

### SoundClone

- Developing a SoundCloud-inspired app with built-in recording
- Building out with ***micro-js*** & ***micro-js-html*** to extend and test the framework

## Education

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**Bachelor of Science in Electrical Engineering** | Minors in Software & Mathematics  
**Clarkson University** | *Class of 2013*