

KATE SOLIVEN

WEBSITE, PORTFOLIO, PROFILES

- <https://katedevdc.com/>

PROFESSIONAL SUMMARY

Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

SKILLS

- Frontend skills: Angular, AngularJS, Bootstrap, SCSS, CSS, HTML
- Backend skills: .NET MVC/MVVM, C#, NEST, LINQ, Python scripting, and RabbitMQ data ingest
- Database skills: SQL, SQL Lite, SQL Server 2019, Object Relational Mapping (ORM), and EF Core
- DevOps: GitHub, ElasticSearch observability, Azure Dev Ops, OpenShift, Jenkins, Docker, and AWS (migrating data from SQL to S3 buckets).
- Data search and Analytics: ElasticSearch and Kibana (observability, indexing, and templating)

WORK HISTORY

FULL STACK SOFTWARE DEVELOPER 02/2020 to Current Zekiah Technologies, Fredericksburg, VA

- Developing an application using an Angular frontend and a .NET backend in an Agile process
- Reviewed code, debugged problems and corrected issues
- Using Swagger to generate Restful API routes
- Establish connections between multiple datasets in SQL Server 2019
- Using Entity Framework Core (EF Core) for Object Relational Mapping
- Using Azure DevOps and Git for Source Code control
- Using RabbitMQ for Data Ingest services
- Migrating data to S3 Object storage
- Developed unit test cases in Jest and Xunit for testing and automation
- Leveraging Data Search and Analytics using ElasticSearch and Kibana (for observability, indexing, and template searches)
- Utilizing Cloud Computing Software with AWS and OpenShift

- Participated in requirements gathering to solidify prerequisites and determine best technical solution to meet business needs via Sprint Flips and Program Increment planning (PI)

RESIDENT DEVELOPER 05/2019 to 08/2019

Coding Dojo, Arlington, VA

- Developed and deployed web apps from back-end to the front-end
- Engineered RESTful routes, CRUD operations (using Model View Controller), and API integration
- Established connections between multiple datasets in SQL and NoSQL (MongoDB)
- Deployed web applications using Ubuntu, NGINX, and Amazon Web Services using security protocols (PEM)
- Used GitHub for source code control
- Tested web applications repeatedly for vulnerabilities (i.e., JavaScript analyzer, SQL Injection) using Grabber and/or free open-sourced programs

FREELANCE HEADHUNTER 10/2016 to 04/2019

Self-Employed, Woodbridge, VA

- Matched candidates to potential employers based upon their education, skill set, and experience.
- Used LinkedIn, indeed, career builder, and various job-hunting websites.

ANALYST/DEVELOPER 06/2009 to 12/2010

The Boeing Company, Seal Beach, CA

- Worked in an Agile development team on a 40-million-dollar project for Supplier Quality Systems. Developed a supplier quality system for Boeing Commercial Airlines and Boeing Defense Systems.
 - Data conversion with system owners and previous developers (legacy code to C#/Java)
 - Testing through code reviews, security professionals (software encryption, Sidewinder/enterprise firewalls, and tunneling protocols), and system developers
 - Planning with business analysts, internal/external suppliers, utilized SharePoint for overall project management flow, and change requests (bugs, logic errors, or vulnerabilities)
 - Executions through 2-week sprints in developing prototype builds to be presented to the Vice Presidents of Boeing Commercial Airlines and Boeing Defense Systems.
 - Wrote interface control documentation and Enterprise resource diagrams for external and internal customers
 - Scribed for the bi-weekly meetings with the Vice President of Supplier Quality. Conducted lunch and learns to identify new technologies (security tunneling schemas, implementing AJAX, and using Adobe Flex) that would be used in new system.
 - Wrote Visual Basic Scripts for Shop Floor Control for the C-17 program to identify which data was obsolete or vulnerable (due to legacy code). Communicated with System Managers and customers for system retirement.
 - Learned how to make use of Desktop Service Requests with an outside vendor (i.e., Dell). Requests consisted of matching hardware to customer (i.e., engineers receiving engineering laptops), specialized electronic devices, change in location of vendors, hardware and software issues, and network outages. Completed requests via phone and email with the customer. If a request was not completed, requests were manually modified within the system.
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EDUCATION

Coding Dojo, Arlington, VA

Certificate, Angular, C#, Python, HTML, And CSS, 08/2019

- A 14-week bootcamp to become a full stack developer
- Learned multiple technologies such as: HTML, CSS, JavaScript, Angular, Nodejs, MongoDB, C#, SQL, SQLite, Razor, Python, Flask, Django, jQuery, and AJAX.
- Triple Black Belt in Python, C#, and MEAN

George Mason University, Fairfax, VA

Certificate, Certified Ethical Hacker, 12/2014

- Certified ethical hacker course
- Learned network and software methodologies to protect systems from external and internal threats.
- Kali-Linux with in-built penetration tools:
- Launched denial of service attacks against vulnerable websites and systems

Carnegie Mellon University, Pittsburgh, PA

Certificate, System Engineering, 12/2009

- System engineering course
- Learned how to apply Agile development methodologies to various projects.
- Learned how to break down systems systematically for System Retirement.

George Mason University, Fairfax, VA

Bachelor of Science, Management Information Systems, 05/2008

- Bachelor of Science in Decision Science and Management Information Systems with a minor in Information Technology.
- Completed 120 credit hours.
- Learned system engineering, system design using, system analysis, web design, network security, network analysis, and project management methodologies.
- Graduated Cum-laude

CERTIFICATIONS

- AWS Cloud Practitioner - August 2022 - Present
- CompTia Security+ - January 2021 - Present