

Zachary T. Greenfield

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RELEVANT EXPERIENCE

Software Engineer, Veterans United Home Loans - Columbia, MO

Feb 2021 – Present

- Develop RESTful APIs using **C#** with both **.NET 8**, and **.NET Framework** and User Interfaces using **Angular**
- Lead Team INVEST as a technical expert, guiding and mentoring team members in XP (e.g. TDD, Pair Programming) and other software engineering best practices expected at Veterans United
- Conduct both panel and technical Interviews with candidates for the Software Engineer role at Veterans United Home Loans
- Optimize throughput with a team of five using **Extreme Programming**: one-to-two-week sprints, **Test-Driven Development**, and Pair Programming
- Facilitate team meetings including morning huddles, iteration retrospectives, and backlog refinement
- Collaborate with team's Product Owner and Quality Assurance Engineer to plan, organize, and communicate progress on user stories using **Pivotal Tracker**
- Create and manage CI/CD pipelines using **Azure DevOps** and **Git/TFVC** for version control
- Deploy systems multiple times a week **as Windows IIS Applications, Services, and Scheduled Tasks**

Software Engineer, Associate, Parsons Corporation - Centreville, VA

May 2019 - Feb 2021

- Programmed applications using **Java** and Scrum **Agile** on an ETL project using a **distributed cloud microservice architecture** comprised of over 360 maven modules
- Lead a five person working group, including three senior engineers, drawn from a team of 25 programmers
- Designed and Implemented **REST APIs** and their supporting services (i.e. **Postgres, Mongo, Confluent platform**) for communicating information between the back-end and front-end projects, utilizing **Swagger Code Generation**

Side Programming

2012 - Present

- Projects can be found on my [Website](#).

TECHNICAL SKILLS

Programming Languages: C#, Angular (Typescript, CSS, HTML), Java 8/11, Python, C, C++

Products: SQL Server, Postgres, MongoDB, ElasticSearch, Grafana, Splunk, Active Directory, Vault, Github, Gitlab, Azure DevOps, Camunda, RabbitMQ, Kafka, S3, Dynamics 365, Encompass, LaunchDarkly

EDUCATION

The College of William & Mary, Williamsburg, VA

B.S. Computer Science May 2019