

Amit Vajrashetti

asvajrashetti@gmail.com | (602) 565-3348 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL EXPERIENCE

Software Engineer Intern

January 2025 - Present

Amrock

Tempe, AZ

- Engineer scalable full-stack, microservices-based web applications using .NET Core and **RESTful APIs**; leverage **Azure DevOps** for streamlined CI/CD and version control.
- Developed a gamified web platform with an **Angular** frontend hosted on **S3** and served via **CloudFront**, and a containerized **Python backend** leveraging **WebSocket**.
- Adopted **Angular Nx** plugin in a **Monorepo** setup to develop a high-performance Single Page Application (SPA), improving UI responsiveness and **reducing build times by 40%**.
- Automate updates for dependent source packages by creating a **CI/CD** pipeline with **Azure DevOps**, deploying on-premises servers, and employing cloud technologies.

Software Engineer Intern

May 2024 - August 2024

Amrock

Detroit, MI

- Created **OAuth 2.0** based Single Sign-On (SSO) using **Auth0** for secure authentication and authorization, while harnessing **Splunk** and **Dynatrace** for comprehensive log monitoring and performance tracking.
- Leveraged **AWS** Aurora relational databases **MySQL** and **PostgreSQL** with SQL Server Management Studio (SSMS) for data administration, ensuring data integrity, accessibility, and seamless integration.
- Led automated and integration testing with **MSTest**, **xUnit** for backend, and **Jasmine**, **Karma** for frontend, **achieving 90% coverage**, with **Snyk** for vulnerability fixes, **SonarQube** for code quality, and ensuring compliance.
- Facilitated **Agile/Scrum** practices, driving sprint planning, backlog grooming, and retrospectives, boosting teamwork, communication, and productivity by 25%.

Software Engineer

March 2021 - July 2023

LTIMindtree

Pune, India

- Designed and optimized **SQL Server** database with **T-SQL**, stored procedures, and **indexing**, while harnessing Entity Framework for efficient **ORM**, resulting in **30% query optimization**.
- Leveraged serverless solution **AWS Lambda** to enable triggering of custom endpoints based on third-party actions and employed **CloudWatch** for log monitoring and troubleshooting.
- Led modernization of monolithic legacy ASP.NET **WPF**, **MVVM**, and **MVC** applications by migrating to a **.NET** and **Angular** tech stack; implemented version control with **Azure DevOps**, reducing maintenance efforts by 40%.

PROJECTS

Portfolio

- Constructed with **Angular 19**, Material Design, and a mobile-first approach and configured Cloudflare for **CDN**, analytics with Git Actions deployment to Netlify and **custom domain**.

Blogify

- Built a Web API with .NET Core and **Elasticsearch** to efficiently index and search blog posts, with React as frontend.

SafeStore

- Developed a file upload API on **EC2**, using **S3** for storage, **SMTP** for validation, and **IAM** access control.

SecureCom

- Implemented security protocols in application applying **JWT** and **OAuth 2.0**, integrated **Google Captcha**.

EDUCATION

Master of science in Information Technology

May 2025

Arizona State University GPA (3.9/4.0)

Tempe, AZ

Bachelor of engineering in Computer Engineering

May 2020

Savitribai Phule Pune University GPA (3.6/4.0)

Pune, India

SKILLS

Programming Skills: C#, Java, Python, TypeScript, JavaScript, HTML/CSS, VB.NET, YAML, jQuery, JSON, XML, Swift.

Frameworks: Entity Framework, Node.js, React, ADO.NET, SOAP, GraphQL, Docker, Kubernetes, Kafka, PCI, OWASP.

Tools: Visual Studio, Visual Studio Code, Datadog, Selenium, Figma, Postman, JetBrains Rider, Kanban, Fiddler, HTTP Analyzer.

Databases/Storage Systems: MSSQL, T-SQL, NoSQL, MongoDB, S3, PostgreSQL, Oracle.