

ADAM SMITH

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TECHNICAL SKILLS

Languages: C#, Java, TypeScript, JavaScript, SQL, HTML/CSS

Frameworks/Libraries: ASP.NET, .NET Core, .NET Framework, Entity Framework, Bootstrap, jQuery

Tools: Git, GitHub, GitHub Actions, Azure DevOps, Visual Studio, VS Code, Jira, Confluence, ServiceNow

EXPERIENCE

AUBURN UNIVERSITY CAMPUS WEB SOLUTIONS

Auburn, AL

CWS is a part of the Office of Information Technology that builds and maintains ASP.NET web apps for the university.

Software Engineer

Jan. 2023 – Present

- Expanded role to include project lead and architect responsibilities while continuing extensive development contributions.
- Shipped over 200 changes to production, code reviewed over 450 pull requests, and was the lead for 6 major projects.
- Resolved critical production incidents, troubleshooting and providing rapid hotfixes for essential university applications.
- Contributed substantially to infrastructure migrations, and made significant updates to internal libraries and web services that form the shared platform powering CWS applications.
- Administered the GitHub organization, implementing new platform features and creating GitHub Actions workflows to improve our branching and review workflows.
- Overhauled and improved the quality of our developer wiki, moving documentation from a mix of SharePoint and other scattered locations to a central hub of organized information in Confluence.
- Orchestrated and refined the onboarding bootcamp across 6 semesters, integrating a total of 13 new developers to the team.

Co-op Developer

Jan. 2021 – May 2021, Aug. 2021 – Dec. 2021, May 2022 – Aug. 2022

- Contributed as a full-stack developer to updates in a total of 13 different ASP.NET MVC web applications.
- Leveraged C#, SQL Server, and Entity Framework for backend development while implementing responsive, accessible front-end interfaces using HTML, CSS, JavaScript, and Bootstrap.
- Collaborated within an Agile development environment utilizing Jira, daily standups, peer code reviews, pair programming, and QA testing.

KEY PROJECTS

BRANDING UPGRADES

Spring 2023 – Present

- Upgraded 24 apps from Bootstrap 3/4 to Bootstrap 5 with Auburn's latest branding, making them more modern and accessible.
- Made improvements to the organization and versioning of our shared masterpage templates, moving them to an Azure blob store to make updating them in production more pain-free.
- Developed a new library for both ASP.NET Framework and Core apps to use the masterpage templates.

DATABASE / IIS SERVER MIGRATION

Spring 2024 – Fall 2024

- Contributed to a migration of 60+ on-prem SQL Server 2014/2016 databases to cloud-hosted SQL Server 2022.
- Played a lead role in migrating our 79 on-prem web apps from IIS hosting on Windows Server 2012 R2 to Windows Server 2022, upgrading all of the apps to .NET Framework 4.8 during the process.
- Successfully completed the complex IIS migration ahead of deadline with no serious production problems, overcoming significant challenges in moving our shared web services.

PHARMACY SCHEDULER / HEALTHY TIGERS

Spring 2021, Summer 2022, Spring 2023

Pharmacy Scheduler was rapidly developed during the COVID-19 pandemic to provide COVID testing and vaccine appointment scheduling. Healthy Tigers is a scheduler for the yearly health insurance checkups of Auburn employees.

- Implemented functionality in Pharmacy Scheduler for Auburn community members to schedule vaccine appointments online, and also created an administrative feature for the staff to manually schedule patients experiencing technical difficulties.
- Developed functionality in Healthy Tigers for dependents and spouses of the insurance holders to schedule appointments.
- As a full-time staff member in 2023, I worked incidents in Healthy Tigers to stabilize the app and bring it out of client hypercare.

EDUCATION

AUBURN UNIVERSITY

Auburn, AL

Master of Science in Computer Science and Software Engineering

Jan. 2024 – Present

Bachelor of Software Engineering, Minor in Mathematics

Aug. 2018 – Dec. 2022