

Jeremy Meadows

Software Engineer and Development Operations

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About

I'm a self-driven problem solver with an eye for detail. I work well in teams, and can be a capable leader, though I wouldn't usually volunteer for that role. I love learning new things, and can pick up anything pretty quickly. I like writing good technical documentation because I know I'll have to read it later.

Skills

Languages: C++, C#, Rust, Python, Java SE, C89, Bash, PowerShell, SQL, JavaScript, TypeScript, HTML/CSS, PHP, Dart

Frameworks: Selenium, Flask, Svelte, Flutter, React, Angular

Platforms: GitHub, Azure DevOps, .NET, Docker, NodeJS, SSIS

Tools: Git, Visual Studio, IntelliJ, Postman, Jira, RedGate Backup, Mountebank, Wireshark

Hobbies

I enjoy spending time in the outdoors, specifically hiking. I grew up with the Rocky Mountains in Colorado, and now I get to explore the Cooley range in Louth. I also used to compete in 5k/10ks, and continue to run and work out for the social and fitness aspects. In my free time, I enjoy board game nights, solving programming puzzles, and playing video games.

Work Experience

Dundalk Institute of Technology Student Union

Dundalk, Ireland

Full Stack Web and DevOps

May 2023 – Current

- Developed a case-management system for the student union offices
- Created a Svelte app on NodeJS with PostgreSQL database
- Includes data visualization and PDF/CSV report generation
- Manage updates and deployments to hosted server using Docker

Brainnest

Dublin, Ireland

Python Development Trainee

Apr – May 2023

- Contributed development to Brainnest business projects in Python
- Used Python's socket library to build network automation tools
- Team-based programming challenges

Texas Farm Bureau Insurance Company

Waco, Texas, USA

Development Operations & Information Systems

May 2021 – August 2022

- Manage deployments through Azure DevOps, using C# and PowerShell
- Automated UI testing of web app with Selenium and SpecFlow
- Write SSIS packages to manage and manipulate data between database servers
- Collect, aggregate, and generate visualizations/interpretations of data from internal systems for company audits and business-side project management through Power BI

Peak Programming

Monument, Colorado, USA

Software Developer

May – August 2020

- Worked on client-facing UI/UX in an Angular based web-app
- Designed/created database for user logins and software licenses
- Wrote a PHP back-end with a REST API used for communication with the database
- Developed a Flutter mobile app for iOS/Android

Education

Dundalk Institute of Technology

Dundalk, Ireland

BSC in Computing

September 2022 – May 2025 (expected)

- **Relevant Coursework:** Computer Hardware, Data Analysis*, Data Communications*, Databases, Networking, Operating Systems and Virtualization*, Programming, Scripting, System Administration, Technical Documentation*, Web Development
- **Extracurriculars:** Class Representative, DkIT Athletics Team, Association for Computing Machinery, CoderDojo Mentor

* Currently Enrolled

Baylor University

Waco, Texas, USA

Computer Science Degree Program

August 2017 – December 2020

- **Honors:** Baylor Invitation to Excellence, Provost's Gold Award, All-Big 12 Academic Team
- **Relevant Coursework:** Algorithms, Calculus, Computer Architecture, Computer Systems, Data Structures, Database Design, Linear Algebra, Networking, Operating Systems, Software Engineering, Statistics, Systems Programming