Jeremy Meadows

Software Engineering, Development Operations, Networking

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- Jeremy Meadows

About

I'm a self-driven problem solver with an eye for detail. I work well in teams and can be a capable leader. I enjoy continuously learning and can pick up new technologies pretty quickly. I'm good at writing detailed technical documentation, whether it needs to be suitable developers or laymen.

Technical Skills

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

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

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

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

Hobbies

I enjoy spending time in the outdoors, especially hiking. I grew up with the Rocky Mountains in Colorado, and now I get to explore the mountains and forests in Ireland. I 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 Developer

May 2023 — Dec 2024
- Developed a case-management system for the student union offices
- Created a Svelte app on NodeJS with PostgreSQL database
- Included data visualization and PDF/CSV report generation
- Managed 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
- Managed deployments through Azure DevOps in C# and PowerShell
- Automated UI testing of web app with Selenium and SpecFlow
- Created suites of regression tests for backend and database systems
- Wrote SSIS packages to manage data between database servers
- Collected data and generated visualizations from internal systems for company audits and 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
- **Relevant Coursework:** Broadband, Cloud Computing, Data Analysis, Databases, Directory Services, Network Design, Network Management Network Security, OS and Virtualization, Service Desk Support, System Administration, Technical Documentation, Web Development
- **Extracurriculars:** Class Representative, DkIT Athletics, Association for Computing Machinery (ACM), CoderDojo Mentor, TY Week Instructor

Baylor University   **Waco, Texas, USA**
Computer Science Degree Program

August 2017 — December 2020
- **Relevant Coursework:** Algorithms, Calculus, Computer Architecture, Computer Systems, Data Structures, Database Design, Linear Algebra, Networking, Operating Systems, Software Engineering, Statistics, Systems Programming
- **Honors:** Baylor Invitation to Excellence, Provost's Gold Award, All-Big 12 Academic Team