

MCCANN DAHL

469-964-8911

mccdahl@gmail.com

mccannndahl.github.io

Executive Summary:

As a father of 3 and married to a lovely French Canadian, I enjoy connecting with other workplace professionals in various industries, providing automated technology services, and managing streamlined teams to build lasting value across communities. I put others' needs before my own.

Professional Experience:

Senior Software Consultant

Pariveda Solutions (Dallas, TX since June 2019)

Client A - Manufacturing Automation

- Managed a team of developers in the manufacturing industry to create a product that automates lumber distribution & supply chain logistics
- Architected many microservices leveraging cloud technologies and infrastructure-as-code
- Identified client needs and process-based bottlenecks using the flow framework
- Continuously sold services to partner consulting firms in all aspects of the project planning (research, recommendations, design, implementation)

Client B - Healthcare Service Portal

- Developed frontend Direct-to-Consumer web application for a large insurance provider. This application used a wizard and prediction algorithm to recommend the most beneficial insurance plan from various companies
- Migrated existing data platforms during merge and acquisition
- Presented team demos of new features (including mobile functionality) to key business stakeholders
- Facilitated development team retrospectives, estimation meetings, and sprint planning meetings using agile scrum methodology practices
- Coordinated story creation and requirements gatherings from business analysts and marketing teams
- Created a new automated test framework for the web application using Selenium, leading to a substantial 80% reduction in testing time

Client C - Fintech Data Warehouse

- Managed the implementation of an SQL Server Enterprise Data Warehouse, full-stack (Angular/.Net) custom internal financial system, and automated reporting solutions. These systems were used by various technology and financial teams to examine and forecast the risk and performance of multi-million dollar investments
- Designed self-service tools for large-scale data integrity robotic process automation
- Worked with multiple data vendors to provide profitable datasets used in daily combined-source reports
- Trained business users on custom software solutions and documented business logic
- Provided high-quality business analysis by proposing automation & self-service tools that replaced manual workflows. Worked with both business and IT to translate issues, align priorities, and create feature schedules
- Trained IT members on CI/CD process on Azure, release management in multiple environments, and agile best practices

Client D - Airline Cloud Transformation

- Directed pods that serviced multiple platforms focused on automating cloud solutions between different core business systems
- Architected a notification cloud solution for a major airline to send SMS and Email flight updates to crew members
- Drove end-to-end delivery of several key epics related to crew logistics
- Lead status meetings with key stakeholders communicating milestones, risks, and mitigation strategies
- Planned and delegated epics, features, and stories to teams
- Coordinated and tracked inter-team dependencies
- Created a business model canvas and value justification framework to focus the account on delivering value

Publications

[The artistic blend of Generative AI and Spatial Computing](#)

Date: December 7, 2023

[3 Dangerous Mindsets in IT](#)

Date: May 25, 2023

[Will AI replace developers? No, it'll replace rubber ducks](#)

Date: May 24, 2023

[I created a ChatGPT for my church](#)

Date: May 23, 2023

[Pigeon Perfect](#)

Date: April 21, 2023

[Technology Adoption Framework](#)

Date: November 4, 2022

[In-office vs Remote. Why not both?](#)

Date: November 2, 2022

[Diving into the Metaverse](#)

Date: July 8, 2022

[My app has sold in 5 countries](#)

Date: June 23, 2022

[Disc Golf Simulator. Good idea?](#)

Date: August 12, 2021

[Need more credibility? This new tool boosts your ethos](#)

Date: April 13, 2021

[Mortgage Analyzer Program](#)

Date: September 2, 2020

["Ok Google.... John 3:16"](#)

Date: April 6, 2019

[2D Fast Fourier Transform Image Encryption](#)

Date: December 11, 2018

Other Professional Experience

Software Engineer

Lingotek Cloud-Based Translation (Lehi, UT 5 months 2017)

- Coded both frontend and backend using MySQL databases and PHP
- Integrated the Lingotek services into the popular connector called Drupal
- Organized and managed monthly sprints and code releases while designing, problem-solving, and debugging

Technology Management Consultant

Deloitte & Touche LLP (Seattle, WA 3 months 2018)

- Streamlined client's tax management by strategically implementing enterprise technologies
- Implemented scalable solutions to match client's needs and improve business growth
- Designed and developed a custom dashboard to show the results of tax reporting from various financial systems
- Automated tax engines called robotics to make tax reporting faster and more efficient

Technologies & Certifications:

- **Languages:** C#, C, Javascript, Typescript, SQL, C++, Dart, Python, PHP, HTML, CSS, Java, VBA
- **Databases:** MySQL, SQL Server, MongoDB, DynamoDB, Aurora Postgres
- **API Frameworks:** ASP .NET, .NET Core, NodeJS, Flask, Django, FastAPI, Express
- **Web:** React, Angular, Vue, Drupal
- **Mobile:** Android, Flutter, Kivy, React Native
- **Cloud Services:** Amazon AWS - Solutions Architect Associate, Microsoft ADO, Jira, Google Analytics, Serverless

Education:

Brigham Young University

B.S. in Mechanical Engineering (Provo, UT 2015-2019)

- GPA 3.69 | Graduation: April 2019
- Chair of Engineering and Technology Leadership Council | Vice President of ASME

Volunteer Opportunities:

Volunteer Representative (La Misión Buenos Aires Oeste)

The Church of Jesus Christ of Latter-day Saints (Buenos Aires, Argentina 2013-2015)

- Trained groups of 6-20 volunteers in a third-world country in humanitarian efforts and spiritual edification

Special Olympics Basketball Coach

Special Olympics (Provo, UT & Farmers Branch, TX 2015-present)

- Coach a team of 12 athletes with a variety of mental and physical special needs

Hobbies & Other Skills:

- Fluent in Spanish, Eagle Scout, Dirt Biking, Scuba Certified, Disc Golfing