

# MCCANN DAHL

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## 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. Reduced testing time by 1000%

#### Client C - Fintech

- 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

### 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

### 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

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## Technologies:

- **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 certification), Microsoft ADO, Jira, Google Analytics, Serverless
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## 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
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## VOLUNTEER EXPERIENCE:

### **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
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## PERSONAL:

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