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## Professional Experience

### pellucid Computing                                    Jan 2023 – present

Sr. Software Engineer (Contract position) with DevZero (devzero.io)

- Maintained a provisioning engine to provision AWS EC2 instance.

- Designed and developed Address pool to manage AWS EC2 Elastic IP address.

- Technology stack: Go, gRPC, REST-API, Docker, Kubernetes, MySQL, AWS.

### Wunderkind                                    Feb 2021 – Sept 2022

Sr. Software Engineer (Position downsized)

- Designed and developed REST API for User Management Service.

- Designed and developed worker service for Ads which gathers products similarity in order to display a targeted Ads based on user behavior.

- Technology stack: Go, GCP BigQuery, GCP Bigtable, GCP Pub/sub, Redis Cache, Docker, Kubernetes.

### Prescryptive Health                                    Aug 2019 – Feb 2021

Sr. Software Engineer

- Designed and developed a data pipeline to handle ingress, process new and updated record, and produces Egress.

- Designed worker and gRPC services written in Go (golang) for processor in data pipeline.

- Utilized Azure Service Bus for event messaging, Azure DevOps for CI/CD, Docker and kubernetes for containerization.

### Donnelley Financial Solutions (DFIN)                  June 2018 – Aug 2019

Sr. Software Engineer (Branch office in WA was closed)

- Designed and developed a transformer engine to gather and transform various data format into Word document and HTML written in Go (golang).

- Designed and developed micro services written in Go (golang), utilizing NATS for event messaging, Docker and Kubernetes.

**pellucid Computing**                                              **Oct 2017 – May 2018**

Software Engineer (Sole Proprietorship), worked as an independent contractor

- Developed scheduling and notification system for Digital Conversation
  (http://www.digitalconversation.net)

    o Designed and developed a background process to schedule and dispatch
      notification utilizing AWS Elastic Beanstalk Worker tier written in Go
      (golang), Twilio for SMS messaging, PubNub for pub/sub, AWS SQS for
      message queueing and MongoDB as a data storage.

    o Designed and developed a REST API for clinic registration and chat
      application, utilizing Go (golang) WebSocket and Twilio SMS message.

**Nordstrom**                                                        **Apr 2017 – Sept 2017**

Sr. Software Engineer

- Developed Electronic Gift Cards platform.

    o Designed and developed a Serverless computing platform utilizing an AWS
      Lambda function written in Node.js and REST API written in Go (golang).

**Microsoft**                                                        **Jun 2012 – Apr 2017**

Software Engineer

- Developed Next Generation Volume Licensing (NGVL) at Universal Store. NGVL is
  an enterprise commerce system which allows Partners and Customers to manage
  volume licensing such as Orders, Agreements, Entitlement, etc.

    o Designed and developed a framework and tools used for sending/receiving
      and message handler for Azure Service Bus used within the NGVL
      services.

    o Designed and developed Web API and Web Service within NGVL services.

    o Designed and developed workflow engine utilizing Azure Logic Apps.

    o Designed and developed a background process to extract compressed
      stream, parse xml, compose the data, and store it into DocumentDB.

**Avanade**                                                          **July 2010 – June 2012**

Sr. System Analyst

- Assigned as a consultant to Microsoft Corporation (Sept 2010 – June 2012)

    o Participated in licensing system maintenance and development.

    o Participated in Laminar Service Bus (LSB) framework development for
      publication subscription utilizing Azure Service Bus.

    o Participated in BCWeb (a system to manage pricing approval) migration
      from on-premises to Azure Cloud environment.

## Education

**University of Nebraska at Omaha**

Master of Science in Management Information System

**Trisakti University (Jakarta/Indonesia)**

Bachelor of Science in Mechanical Engineering