

**Edison Lumbantoruan**

(425) 505-1975

[edison.lumbantoruan@gmail.com](mailto:edison.lumbantoruan@gmail.com)

Redmond, WA 98052

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**Professional Experience**

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**DevZero****Jan 2023 – Apr 2023**

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Sr. Software Engineer (Position downsized)

- 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, Docker, Kubernetes, MySQL, AWS.

**Wunderkind****Feb 2021 – Sept 2022**

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Sr. Software Engineer (Position downsized)

- Designed and developed REST API for User Management Service.
- Designed and developed a system for Ads which gathers products similarity in order to display a targeted Ads based on user behavior.
- Designed and developed a system for Ads which provides product for advertising based on Contextual Analytics, what the consumer reads is what product of the consumer will see in the advertising.
- Technology stack: Go, GCP BigQuery, GCP Bigtable, GCP Pub/sub, Redis Cache, Docker, Kubernetes.

**Prescriptive Health****Aug 2019 – Feb 2021**

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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**

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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**

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

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

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Sr. Software Engineer

- Developed Electronic Gift Cards platform.
  - 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**

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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.
  - Designed and developed a framework and tools used for sending/receiving and message handler for Azure Service Bus used within the NGVL services.
  - Designed and developed Web API and Web Service within NGVL services.
  - Designed and developed workflow engine utilizing Azure Logic Apps.
  - 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**

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Sr. System Analyst

- Assigned as a consultant to Microsoft Corporation (Sept 2010 – June 2012)
  - Participated in licensing system maintenance and development.
  - Participated in Laminar Service Bus (LSB) framework development for publication subscription utilizing Azure Service Bus.

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

## **Education**

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### **University of Nebraska at Omaha**

Master of Science in Management Information System

### **Trisakti University (Jakarta/Indonesia)**

Bachelor of Science in Mechanical Engineering