# DANIEL DOVAL

Senior Software Engineer

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Senior Go Engineer focused on the microservice architecture.
Strong understanding of the several distributed tools/libraries for the wide-range of purposes.
Experienced with the Agile methodology with many of the tools, and have strong communication skills and management skills with different size of software development team.

## Professional Experience

**November 2019 - May 2022**

### Back End Developer
Wallet Max

- Designed the infrastructure of the financial product with Golang microservice architecture.
- Containerized the microservices by using Docker/Kubernetes/Amazon EKS, ECS.
- Used the Apache Kafka for Real time payment system.
- Monitoring services with Prometheus, Cloud Watch, etc.
- Developed the Apis by combining gRPC and Restful methodology.
- Implemented CI/CD with CircleCi with Unit testing.
- Designed the Postgresql database.
- Attended frontend development with React.JS.

**February 2017 - August 2019**

### Backend Developer
Turing

- Responsible for development and guidance junior developers in the technical stacks: NodeJS, ReactJS, MongoDB, AWS Recognition, AWS S3, AWS Lambda.
- Responsible for development of backend apis in Golang.
- Implemented load-balancing with nginx to allow NodeJS instances to handle concurrent users.
- Built RESTAPIs, CRUD operations, HTTP methods, JWT & Refresh tokens.
- Node.js, MongoDB with Mongoose, TypeScript and Express & express middleware
- Used MySQL and NoSQL on the backend
- Worked closely with System Administrators to take ownership of the product's operations and metrics
- Worked on RESTful API design and development
- Partnering with teammates to discuss about solutions
- Responsible for suggestion of the best solutions to scale the product

**January 2015 - January 2017**

### Full stack Developer
Rhino

- Implemented front-end scalable architecture using the MVC model, decoupling responsibilities and reusable components.
- Introduced React to the front-end stack and developed reusable components along with Google Material Design components.
- Redesigned the home page, product detail pages, and listing pages with new business logic and REST API implementation
- Improved page load performance and best practices using vanilla JS with ES6 and Babel.
- Developed a mock PWA application with Angular 7 and introduced PWA capabilities to the company
- Introduced and presented Drupal CMS as an improvement for our content management with decoupled Drupal and REST API

## Education

Bachelor's Degree in ComputerScience
University of Florida
April 2010 -August 2014

## Key Skills

- Golang microservice architecture with concurrent programming
- Containerization with Docker/Kubernetes/AWS EKS/ECS
- SQL/NO SQL Programming
- Restful API development (HTTP, gRPC)
- Data/Event streaming with Apache Kafka/Amazon SQS
- Big Data Processing with Apache Spark + Apache Kafka
- Monitoring Service development with Prometheus
- Experienced CI/CD pipeline with Unit testing
- Frontend development with React.JS
- Agile/Scrum development