Kyu Shim

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Skills

Languages:	TypeScript • JavaScript • C++ • SQL
Technologies:	Node.js • React • ORM/ODM • API Server
Development Methodology:	Agile • Scrum • TDD

Experiences

Wishbone Delicatessen – Full Stack Software Developer　　　　May 2019 – Current

A full stack web application for a popular mom-and-pop establishment

- Architected and styled a front-end website from scratch using React with catering ordering features to increase total revenue by 15%
- Devised a pipeline for Continuous Deployment using Kubernetes, Docker, and Jenkins on Google Cloud Platform to streamline and automate the deployment process
- Designed a GraphQL API for the web application, providing a centralized repository for company data and orders

LoopBack, IBM – Software Developer　　　　Sep 2017 – August 2018

An open-source Node.js REST API framework with over 13 000 stars on GitHub

- Architected a JSON Schema generator with TypeScript decorators to provide users with a convenient schema for data validation
- Developed a CLI tool which allowed users to quickly generate a boilerplate application and save over 90% in development time
- Implemented an API to give easy access to data-constraining logic between users' backend relational models
- Engaged with the community by addressing GitHub issues, writing documentation/tutorial, and penning blog posts
- Hosted a workshop on building a 'mood analyzer for texts' with LoopBack 4 at CASCON, a tech conference hosted by IBM

Education

Queen's University - Bachelor of Computing (Honours)　　　　Sep 2015 – Apr 2020

- **4.3 GPA** (4.3 GPA scale) - Dean's Honour List with Distinction