Jin Park

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SKILLS

- Typescript | Javascript | C++ | C# | Python | Java | .Net | Prism | Node | React | Angular | Vue | Git | NoSQL
- Postgres | MSSQL | MongoDB | Flutter | Django | AWS | GCP | Docker | CI/CD | Xunit | Jest | Unit Testing
- OOP | Microservice | Frontend | Backend | Full-Stack | OpenCV | OpenAI | Pytorch | TensorFlow | Keras

EXPERIENCE

Software Engineer   **Protegra**   Winnipeg, Manitoba   **01/2019 - 05/2023**

Comprehensive Financial Clientele Management Solution (Quadrant)
- Led the design and development of an enterprise-level web application of an international investment group, driving $151 million of revenue every year using AWS, GraphQL, Node, React, Redux, Javascript
- Implemented scalable APIs and built a data pipeline with Amazon S3 so that the company can manage their user information from all over the world seamlessly
- Ideated and built out an extensible search module to handle over a million clients from the final dataset

Robust Transformer Analysis and Quality Assurance System (Carte)
- Enriched system metrics by integrating the platforms with Command Query Responsibility Segregation (multi-module) to enhance the performance metrics during heavy measurement calculation
- Automated and optimized business logic for the core calculation experiments, including A/B, Auto-Targeting, and Multivariate Testing
- Mentored junior developers throughout the project. Set up technical learning sessions for each engineer, as well as helped to transition newer team members into a workplace environment

HR Benefits, Payroll and Management all in one Software (Rise people)
- Designed and implemented an enterprise HR application, generating a monthly revenue of $17 million, utilizing Angular, Node, Redis, Typeorm, Postgres, and AWS
- Continuous Integration/Deployment Pipeline Integration, pull requests, code review, unit/integration testing

Holistic Asset, Retirement, and Risk Management Platform (Advisor Portal)
- Engineered an enterprise FinTech application, using Typescript, Angular, .Net, Entity Framework, AWS and Postgres, which facilitated a transition to a fully digital system, achieving 12% cost reduction
- Executed microservice strategies utilizing Docker and AWS, which improves system efficiency by 32%

Cross-Province Corporation Name Reservation System (Companies Offices)
- Aided in the development of a full-stack application, leveraging C#, .Net, MSSQL, Prism, and WPF
- Upgraded and refactored 30-year-old legacy codes in order to optimize performance and decouple dependencies on razor code within the application

Software Engineer   **nQube**   Winnipeg, Manitoba   **10/2017 - 11/2018**

- Utilized integrated neural networks to forecast stock prices and prioritize them based on superior accuracy

EDUCATION

Bachelor of Computer Science   **09/2014 - 05/2018**
University of Manitoba, Winnipeg, Manitoba

Bachelor of Business Administration   **03/2008 - 04/2014**
National Institute for Lifelong Education (NILE), Seoul, South Korea

Achievements

Published Paper : Analysis and prediction of patterns in futures trading datasets using LSTM		11/2018
1st Place RoboCup 2018 Robotics Competition	Montreal, Canada	06/2018
1st Place Amirkabir International Robotics Competition (AUTcup)	Tehran, Iran	03/2018
Finalist at Science Idea Competition (Game Changer)	Manitoba, Canada	11/2017