Zhekai(Kai) Dong

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EXPERIENCE

Software Programmer | Rich Logistics, Contractor   **May 2022 - May 2023**
- Applied **Agile Development** on Jira and **MVC** pattern to devise web application for team management and project tracking
- Utilized **NextAuth, Auth0, Azure AD** to let user creating an account in Auth0 or **SSO** log in with company email
- Performed with **React** library as front-end and **NodeJS** with **Express** as server and utilized **Jest** to execute comprehensive integration tests on the RESTful APIs
- Presented **Microsoft SQL Server** as database language with ORM of **Prisma**
- Utilized **Docker** for containerization, streamlining the deployment process and enhancing scalability
- Developed with **NextJs** to increase performance and maintainability

IT Support | Blue Ocean Inc, Full-Time   **Jan - May 2021**
- Supported a team of 10 in fulfilling the key performance indicators set in advance by professionally resolving system, hardware, and software issues
- Applied algorithm in scoring system to reduce the processing time by **30%** and to reduce the error rate by **15%**
- Analyzed monthly inventory demand based on historical data and seasonality to plan resource allocation and to adjust workflow to ensure on-time delivery

PROJECTS

MEAN Stack Front and Back | Group Project   **May - July 2023**
- Collaborated with a team of 2 to build a blog management web app with **MongoDB, Express, Angular, Ngrx, NodeJS**
- Implemented user login with **Firebase** and utilizing **Flash Message Model** to reduce the speed of developing significantly
- Interacted with **Mongoose** ORM to generate data models and collaborated with **MongoDB Atlas Server**
- Employed **Chai** for exhaustive testing of the RESTful APIs

Ping! | Group Project   **Jan - Apr 2022**
- Collaborated with a team of 5 to create a mobile app by utilizing **MVC** developing pattern
- Applied **React Native** framework with **Firebase** platform for user authentication and **Firestore** database services
- Accomplished project with **Expo** platform to run and test app locally on ios, android, and web platforms

Web Applications | Personal Project
- Established a Video Rental Store build with **C#, ASP.NET, Entity Framework**
- Built an E-commerce Management Website with **Java, Spring**
- Developed a stock tracker web application with **Ruby on Rails, Active Record**
- Implemented students information management with **PHP, MySQL**

EDUCATION

Texas A&M University, College Station, Texas   **Aug 2021 – Dec 2023**
Master of Computer Science (CS) - GPA 3.7/4.0

The University of Tennessee, Knoxville, Tennessee   **Aug 2016 – Dec 2020**
Bachelor of Science in Computer Science (CS) - GPA 3.34/4.0

SKILLS

Languages: C++, JavaScript/TypeScript, Java, Python, C#, PHP, HTML, CSS, Ruby, MySQL

Libraries/Frameworks: React, React Native, Angular, NodeJS, Express, Spring, Docker, JQuery, NextJS, Redux, ASP.NET, Rails, Bootstrap

Certification: AWS Certified Cloud Practitioner