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SUMMARY

Full-stack with developing high performance robust back end systems on cloud native technologies. Specialized in back end development, I am eager to leverage my skills and innovative approach to create impactful solutions within a collaborative team environment.

PROFESSIONAL EXPERIENCE

Full-stack Developer · Seed Approach · 4/2024 – present

- Implemented Social login for mobile, web, backend for ease of use for customers.
- Refactoring old code base on React and React Native.
- Implement native components on React native to improve performance.
- Implemented CICD pipeline for deployment.

Full-stack Developer · ZAMDAA LLC · 10/2021 - 08/2022

Lead contributor building Controls Panel for electrical scooter.

- Developed an IoT hub back end service using Golang for real-time telemetry and remote control of rental electric delivery scooters.
- Created a dashboard using Node.js and AWS for monitoring Electrical scooters, implemented a geofencing method to prevent theft and unauthorized use resulting in reliable way to locate Electrical scooters and monitor.

Contributed to building an online platform connecting car renters with car rental businesses.

- Enhanced database integrity by eliminating duplicate data, introducing indexing, and improving query performance by 20% on PostgreSQL.
- Developed a RESTful API using Java, PostgreSQL and integrated it with 3rd party notification service to improve user experience.
- Integrated with 3rd party payment system to streamline payment process using Golang.
- Developed a feature that adds an extra layer of security by generating pre-signed URLs, granting time-limited access to users' ID information.

Software Developer · Odo EcoSystem · 01/2020 – 04/2021

Provides web marketing, web system development, and smartphone application development services.

- Implemented an image size reduction feature for the Inventory management system, significantly cutting data transfer times and enhancing the overall user experience for uploading images using Java.
- Created a sales report visualization component using React.js, boosting sales analysis.
- Participated to the development of a REST API using Java for the POS systems enabling seamless retrieval of data and efficient processing of sales taxes thereby ensuring accurate financial transaction compliance.

- Performed end to end testing reported performance metrics POS system and identified edge cases on e-commerce and mobile application.
- Implemented UI using React Native from wireframes ensured smooth UX on mobile application.

PERSONAL PROJECTS

Video Call Chatting application · 2023
- Developed a robust back-end service (Express.js) using Socket.io, acting as an intermediary layer between the front-end and WebRTC for establishing seamless Peer-to-Peer connections.
- Implemented WebRTC technology, enabling users to engage in high-quality video and voice calls, transforming the application into an interactive real-time communication platform.

OpenGL 3D rendering · 2024
- Rendering objects in 3d using OpenGL api with textures. Added abstractions to easy to integrate further in the future. Currently in development to understand graphics api.

SKILLS

Languages: JavaScript, TypeScript, Golang, Java
Frameworks: Express.js, Go Fiber, React.js, ReactNative
Libraries: Mongoose, Socket.IO, Redux, Gorm.IO
Databases: MySQL, PostgreSQL, MongoDB,
Tools: Docker, Postman, PM2, Nginx, Kafka
Cloud: AWS, AWS Lambda, EC2, S3, CloudFormation, ECS, EKS, DynamoDB, Aurora, SQS, SNS
WEB: RESTful API

EDUCATION

Master of Science in Computer Science
Maharishi International University – Fairfield, Iowa *(in progress via : Distance Education)*

Bachelor of Science in Software Engineering
(2022) School of Information & Telecommunication Technology – Ulaanbaatar, Mongolia.