**GANA OYUNDALAI**

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Software Developer with 4+ years of experience building high-quality mobile and web applications across fast-paced industries, including language learning, learning management systems (LMS), delivery services, and survey platforms. Skilled in solving complex problems, optimizing app performance, and writing clean, maintainable code. Passionate about turning challenges into smart, scalable solutions.Active algorithm enthusiast with over 1,400 LeetCode problems solved,Knight badge—demonstrating deep expertise in data structures, dynamic programming, and graph algorithms. Earned 5+ skill certifications on HackerRank, showcasing technical proficiency across multiple domains.Proficient in: Flutter (iOS/Android), Nuxt.js, Node.js, C++, PostgreSQL

SKILLS

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| **Programming Language:** | Dart, JavaScript, TypeScript, **Java** , C++, PostgreSQL |
| **Web:** | Nuxt, Node, Express, React, Flutter |
| **Database technologies:** | Postgress, MongoDb |
| **Frameworks:** | Flutter, Vue.js, React, Node.js, Express |
| **Desigin Patterns:**  **CI/CD:**  **Tools:** | Provider,Bloc (State Management),GetX,MVC,Flutter clean Archtecture  Agile, Docker, GitHub, Gitlab  Android Studio, VS Code, Xcode, Postman |

EXPERIENCE

**SmartSudalgaa LLC** Ulaanbaatar, Mongolia

*Software Developer Apr 2022 – Oct/2024*

* Engineered a mining logistics app in Flutter, integrating Google Maps and Places API to enable real-time driver tracking, route optimization, and zone-based alerts—improving site coordination and boosting delivery efficiency by over 30%.
* Built a scalable, cross-platform survey application in Flutter with offline support, grouped question flows, audio capture, and geolocation tagging—enhancing field data reliability and contributing to a 20% boost in organizational revenue.
* Built the frontend of a coding education platform for kids using Flutter for mobile and Vue.js for web, featuring categorized lessons, real-time coding exercises, and an interactive problem-solving interface—resulting in a 30% increase in student engagement.
* Developed a full-stack operations management platform using Flutter (frontend), Node.js (backend), and PostgreSQL (database) to handle car wash, parking, delivery, and maintenance services—enhancing workflow efficiency and boosting employee satisfaction by 20%.
* Designed and built a Flutter-based survey platform that captures user feedback and applies probability-based algorithms to estimate candidate preference—resulting in a 20% improvement in prediction accuracy.

***Technologies Used:*** *Flutter, Dart, Node.js, Postgres, Vue, Nuxt, Firebase.*

**StarSoft LLC** Ulaanbaatar, Mongolia

*Software Developer*  *June 2020 – Apr 2022*

* Developed a language learning application using Flutter, designed to enhance communication skills through daily practice fostering a 40% increase in user engagement and interest in language learning.
* Created RESTful APIs for a LMS utilizing Node.js, Express, Sequelize, and MongoDB to enhance app performance and functionality by 30% for front-end Mobile developers.
* Developed user-friendly customer portals with personalized dashboards for a Learning Management System (LMS) using Nuxt, Vue, and Flutter—boosting client satisfaction and retention by 35%, and strengthening long-term customer relationships.
* Implemented an online video conference and chatting application using MediaSoup, WebRTC, and Socket, reducing the server load by 10%. While teaching online classes and using slides from web and applications.
* Improved the back-end performance of a web application using Postgres, reduced repetitive blocks of queries, implemented stored functions, and improved performance speed by 10%.

***Technologies Used:*** *Flutter, Nuxt.js, Vue.js, MediaSoup, Socket.io, PostgreSQL, MongoDB, NodeJS, WebRTC, Firebase.*

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**Academic Projects**  at *Maharishi Internation University*, *2025*

* [**Mini Property Management System**](https://github.com/quangnhien/WAA_FinalProject/tree/main/frontend)**:**Property management portal is a web-based java project where house owners and customers can exchange information effectively and inexpensively. This system provides a user-friendly interface, satisfying the needs of the consumers. My responsibility was developing the components on the frontend related to the user's role. Utilized Tailwind, State Management, Rest API in react
* **E-commerce (**[**Frontend**](https://github.com/oganaa2472/ecom-frontend) **/** [**Backend**](https://github.com/oganaa2472/ecom-backend)**):**Users can order and purchase products. My main responsibility was to deploy both the backend and frontend of the system on AWS, ensuring that it operates reliably and is easily accessible. Utilized AWS. Working Lambda function, API Gateway, Cognito, SQS, SNS Cloud front, and S3.

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EDUCATION

**Maharishi International University** Fairfield, IA, USA

*Master of Science in Computer Science Oct 2024 – June2027*

**Mongolian University of Science and Technology** Ulaanbaatar, Mongolia

*Bachelor of Science in Information Technology Sep 2017 – Jun 2021*