

GANA OYUNDALAI

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FLUTTER DEVELOPER

Software Developer with 4 years of experience building high-quality mobile and web applications in fast-paced industries such as language learning app, learning management systems (LMS), delivery services, and surveys. Skilled in solving complex problems, improving app performance, and writing clean, efficient code. Passionate about turning challenges into smart solutions. Recognized with the Knight badge on LeetCode for strong problem-solving skills. Proficient in Nuxt.js, Flutter (iOS/Android), Node.js, PostgreSQL.

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- Problem Solving • Efficiency Improvement • Database Management • Code Version Control • Performance Optimization
 - Mobile/Web Applications Development • Strategic/Critical Thinking • DevOps • Application Programming Interface

Languages: Dart

Web: JavaScript, Nuxt.js, Node.js

Web Services: REST API, GraphQL

Frameworks: Flutter, Vue.js

Databases: PostgreSQL

Design Patterns: Provider Pattern (State Management), MVC (Model-View-Controller)

SDLC: Agile

Tools: Android Studio, VS Code, XCode, Postman

Platforms: MacOS, Windows

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

SMARTSUDALGAA LLC, Ulaanbaatar, Mongolia • 04/2022 – 10/2024

All types of surveys can be conducted throughout Mongolia.

Software Developer

Built Mobile Application.

- Built a mining app with Flutter, Google Maps, and Places to track drivers and optimize routes, improving site maintenance efficiency and driver productivity.
- Developed a nationwide survey app in Flutter with online/offline modes, group questions, voice recording, and location saving—boosting organizational revenue by 20%.
- Created a web/mobile app with Flutter and Vue.js for kids learning to code, offering categorized lessons and coding exercises—raising student engagement by 30%.
- Engineered a full-stack car wash and maintenance management system using Node.js, PostgreSQL, and Flutter. The system streamlined operations and service tracking, resulting in a 20% increase in employee satisfaction.
- Developed a Flutter-based application that collects user feedback and calculates the probability of preferred candidate selection, improving prediction accuracy by 20%.

Technologies Used: Dart, Nodejs, Nuxt.js, PostgreSQL, Flutter.

STARTSOFT LLC, Ulaanbaatar, Mongolia • 06/2020 – 04/2022

StarSoft L.L.C provides innovative business management software to advance and improve efficiency in a rapidly changing world. Advanced Management.

Software Developer

Built Mobile applications

- Developed a [language learning application](#) using Flutter, designed to improve communication skills through daily usage, fostering increased 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 an LMS using Nuxt, Vue, Flutter, enhancing client satisfaction and retention and positively impacting 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.*

ACADEMIC PROJECTS

Maharishi International University (2025)

- **Mini Property Management System:** 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 / 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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PERSONAL PROJECTS

Chatting System (2020): By combining socket io with Node an online chat system was created, allowing users to exchange information on the web. With this, a Realtime question and answer website was developed.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: *Cloud Computing, Web Application Programming, Web Applications Frameworks, Algorithm*

Bachelor in Software Engineer

Mongolian university of science and technology, Ulaanbaatar, Mongolia (06/2021)