

# NOMIN NERGUI

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## FRONT-END DEVELOPER

Experienced Front-end Developer with almost 4 years of expertise in Fintech industry. Focused on improving system scalability, performance, and availability by developing robust applications and integrating third-party services, while collaborating effectively with cross-functional teams. Proficient in the design, coding, with experience working in Agile environments. Skilled in React, JavaScript, HTML5, CSS3, and RESTful APIs.

- Responsive Web Design • UI/UX Design • Front-End Architecture • Client-Side Performance Tuning
- Cross-Browser Compatibility • Web Accessibility • API Integration

**Languages:** JavaScript, TypeScript

**Web:** HTML, CSS, ES6, JSX, Node.js, React, Redux, Bootstrap, Material UI, Ant Design, SASS, Styled Components

**Web Services:** RESTful APIs, JSON

**Web/App Servers:** Nginx, Apache HTTP Server

**Frameworks:** Express.js, Next.js, React Native

**Databases:** MySQL, Oracle, PostgreSQL, MongoDB

**Design Patterns:** Model-View-Controller (MVC), Component-Based Architecture, Decorator pattern

**SDLC:** Agile Scrum methodology

**Tools:** Git, GitHub, GitLab, Visual Studio Code, WebStorm, Webpack, Babel, Docker, Postman, Visual Studio, Xcode

**Platforms:** Linux, Mac OS, Amazon Web Services (AWS)

## 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).

### HIPAY LLC, Ulaanbaatar, Mongolia • 11/2022 – 07/2024

A leading Mongolian financial company offers E-commerce, comprehensive payment system.

#### Software Engineer

Developed hybrid mobile applications.

- Designed and integrated a secure payment module for an e-wallet app using React Native, PHP CodeIgniter, and Oracle DB, enhancing transaction speed, reliability, and user trust.
- Developed and integrated a "Wrestling Prediction Module" using React Native, enabling users to predict competition winners and runners-up. Designed a flexible and dynamic UI with React Navigation for smooth transitions and lazy-loaded components, resulting in a 20% reduction in initial load time.
- Implemented card hold system using React Native and PHP, allowing users to manage finances effectively, reduce risks, and improve transaction assurance.
- Integrated third-party APIs (railway booking, insurance, eSIM) into a mobile-friendly web app using React.js, Material UI, and Tailwind CSS, enhancing user engagement.
- Developed a containerized Django middleware with PostgreSQL to store partial user requests, reducing backend calls by 40% and improving performance.
- Contributed to the Agile environment, working closely with cross-functional teams (Product, Design, QA) using JIRA to deliver features on time and meet client requirements.
- Collaborated with cross-functional teams to ensure seamless integration of the mobile app with various third-party systems, improving system interoperability and ensuring efficient payment processing.

**Technologies Used:** ReactJS, React Query, JavaScript, HTML, CSS, Tailwind CSS, React Native, Material UI, PHP (CodeIgniter), Python (Django), Oracle DB, PostgreSQL, Git, GitLab, REST, Docker, Agile.

### ULAANBAATAR RAILWAY, Ulaanbaatar, Mongolia • 11/2020 – 11/2022

Mongolia's national railway operator with online train ticket booking service.

#### Software Engineer

Developed Front-End web applications.

- Built a Management and Analysis System (MAS) with personalized dashboards using React and React Chart Library, enhancing resource allocation insights and client satisfaction.

- Developed an enterprise-level HR system with React.js, Ant Design, and Redux, streamlining HR tasks and improving efficiency.
- Implemented functionalities to generate PDF and Excel reports from various data sources using the React PDF library, improving reporting efficiency and data presentation.
- Integrated RESTful APIs and WebSocket connections to ensure real-time data updates and smooth communication between front-end and back-end systems.
- Optimized application performance using React.memo, lazy loading, and Webpack for faster load times and improved user experience.

**Technologies Used:** *React.js, JavaScript, HTML, CSS, Ant Design, Redux.*

#### **UNIT LLC, Ulaanbaatar, Mongolia • 06/2020 – 10/2020**

A technology company that uses big data to help social marketing for individuals and companies.

##### **Software Engineer**

Front end developer.

- Developed responsive web applications for Customs Brokers using ASP.NET MVC, Razor Views, and C#, streamlining customs documentation, tracking, and client communication.
- Designed and implemented interactive UI elements using JavaScript and jQuery, enhancing the application's interactivity with AJAX calls for seamless data retrieval without page reloads.
- Utilized CSS frameworks like Bootstrap to ensure responsive designs, enhancing the user experience across various screen sizes and devices.

**Technologies Used:** *ASP.NET MVC, C#, Razor Views, HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, SQL Server.*

### **INTERNSHIP EXPERIENCE**

#### **UNIT LLC, Ulaanbaatar, Mongolia • 10/2019 – 06/2020**

A technology company that uses big data to help social marketing for individuals and companies.

##### **Software Engineer**

- Developed a sentiment analysis dashboard to display positive and negative comments from social media platforms, helping the company track customer feedback and sentiment in real-time.
- Collaborated with the back-end team to integrate ASP.NET MVC for seamless data handling and rendering the sentiment data on the front end, ensuring optimal performance and accurate reporting.

**Technologies Used:** *ASP.NET MVC, JavaScript, AJAX, Bootstrap, jQuery, HTML/CSS.*

### **ACADEMIC PROJECTS**

#### **Maharishi International University (2024)**

- **Hospital appointment system:** Developed a Hospital Appointment System using Java Spring Boot and MySQL, featuring CRUD operations, JMS messaging, AOP logging, role-based security, content negotiation, stateless REST API, and concurrency handling. Deployed on a cloud platform with GitHub version control.
- **User Authentication Application:** Developed a secure User Authentication Application with React.js and Node.js, using JWT for authentication and session management. Deployed on AWS with CloudFormation and CI/CD automation. Styled with Tailwind CSS.

### **EDUCATION**

#### **Master of Science in Computer Science**

*(In progress via distance education; expected completion 04/2027)*

Maharishi International University, Fairfield, Iowa

**Key Courses:** *Algorithms, Enterprise Architecture, Cloud Computing, Web Applications - Architecture and Frameworks*

#### **Bachelor of Science in Computer Science**

National University of Mongolia, Ulaanbaatar, Ulaanbaatar (06/2020)

### **CERTIFICATIONS**

[AWS Certified Cloud Practitioner](#) (10/2024)