

OTGONDAVAA DASHNYAM

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FULL STACK WEB APPLICATION DEVELOPER (.NET)

Skilled Software Engineer with 6 years of hands on experience leading projects through comprehensive software development life cycle. Proven ability to implement latest technologies and methodologies that increase functionality and performance. Experienced in C#, ASP.NET MVC, JavaScript, and Angular. Implement projects for frontend and backend through complete software development life cycle.

Software Development Life Cycle • System Architecture Design
Coding • Debugging • Unit Testing • Functionality • System Analysis

Languages: C#.NET, Java, Objective C, PHP

Web: ASP.NET MVC (Razor / WebAPI), JavaScript, HTML5, CSS3, LESS/SASS, Angular Material, jQuery, Bootstrap, Node.js, Servlet / JSP

Web Services: JSON, RESTful, XML

Web Application Servers: IIS, Tomcat

Frameworks: Angular, Entity Framework, Node, Spring, Hibernate, JSP

Databases: MS SQL, Oracle, MySQL, MongoDB

Design Patterns: Singleton, Abstract Factory, Factory Method, Observer, Template Method, State

SDLC: Agile / Scrum, Waterfall

Tools: MS Visual Studio, SourceTree(GIT), Crystal Reports, IntelliJ Idea, Eclipse

Platforms: Windows, MacOS

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).

Z24 LLC, Ulaanbaatar, Mongolia • 2014-2017

First online travel agency in Mongolia.

Senior Software Engineer

Administered full software development life cycle for numerous projects.

Tasks Performed:

- Designed system architecture.
- Performed design and coding of applications for frontend, backend, and business logic.
- Managed team of developers during development of flight ticket and hotel booking online system.
- Created payment system, ZPay for travel products.
- Utilized Single Sign On (SSO).

Achievements:

- Reduced development time by implementing SSO for all products.
- Changed system architecture to RESTful web services and web client application using AngularJS.
- Developed small framework for local development resulting in decreased development time.
- Novated payment system, ZPay, and developed separately from products to enable connectivity with payment system.

Technologies Used: C#, ASP.NET MVC WebAPI, AngularJS, Angular Material, HTML5, CSS3, JavaScript, Oracle, MSSQL, MS Visual Studio, SQL Developer, SourceTree (GIT), Amazon AWS, Windows.

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GRAPECITY MONGOLIA LLC, Ulaanbaatar, Mongolia • 2012-2014

Software developer for banking and finance industries.

Software Engineer

Developed and tested numerous software applications for frontend, backend, business logic, and database tiers.

Tasks Performed:

- Designed main forms and processes based on system analyst requirements for SWIFTNet international money transfer module.
- Implemented frontend and backend coding with WinForms and C# technologies.
- Debugged and implemented fixes for Grapebank 3.7 banking system.
- Developed user components including money input and date / time picker for Grapebank 4.0 system.
- Created web pages for web-based Internet banking system and integrated core banking system.

Achievements:

- Used RegExp to read SWIFT message.

Technologies Used: C#, C, ASP.NET MVC with Razor, HTML5, CSS3, JavaScript, jQuery, Oracle, MS Visual Studio, Agile Scrum, Visual Source Safe, GitHub, IIS, Windows.

INTERNATIONAL UNIVERSITY OF ULAANBAATAR, Ulaanbaatar, Mongolia • 2010-2012

Public university.

Assistant in Computer Science Department

- Maintained computers in laboratories.
- Taught computer basics course.

ACADEMIC PROJECTS

- **Retail Banking System, Maharishi University of Management:** Developed banking system using JavaFX and SQLite. Maximized functionality by designing features to create accounts as well as transfer, withdraw, and add funds.
- **Dental Clinic System, Maharishi University of Management:** Designed system with Spring Boot, MySQL, Bootstrap, and jQuery. Created patient, reception, and doctor sections to facilitate scheduling, treatment plans, and patient history.
- **Online Contest Management System, Maharishi University of Management:** Developed system with Angular.io, Angular material, Less, JWT, Node.js, MongoDB, Express.js, and Mongoose.
- **Online Insurance System, International University of Ulaanbaatar:** Created web application for insurance service provider. Implemented ASP.NET Webpages and MS SQL.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 2020)

Maharishi University of Management, Fairfield, Iowa

Key Courses: Modern Programming Practice, Web Application Development, Web Application Architecture, Modern Web Application, Algorithm

Bachelor of Science in Software Engineering

International University of Ulaanbaatar, Ulaanbaatar, Mongolia