

# Batjargal Batbold

2685 California Street | Mountain View, CA 9040 | [batjaa.batbold@gmail.com](mailto:batjaa.batbold@gmail.com) | 8045050615

## Software Engineer

---

Innovative and solutions-focused Software Engineer with 7+ years of development of state-of-the-art software and web applications across multiple platforms and environments. Advanced skills honed in Web Development and related technologies. Experienced in managing and executing full SDLC, from requirements gathering and conceptual design through development, enhancement, and maintenance. Demonstrate superior analysis, coding, and debugging skills; able to rapidly adapt to new technical environments. Outstanding communication skills; interfaces effectively with upper managers, staff, peers and clients. Creative problem solver who accurately assesses technical situational challenges and successfully transforms ideas into appropriate workable solutions.

### CORE COMPETENCE

Technical Specifications • Frontend development • Backend development • Application Design • Database Design  
Problem Solving • Parallel Programming • UI • UX • Unit & Integration Testing • Cloud Computing  
GRID Computing • Collaborative & Independent Development • Embedded Systems • Robotics

### TECHNICAL SKILLS

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Languages              | Javascript, PHP, Java, C#, C++                                                                                              |
| Web                    | HTML5, CSS3, XML, AJAX, ASP .NET, JSP                                                                                       |
| Frameworks & Libraries | EmberJS, React, Vue, Bootstrap, AngularJS, Backbone, Selenium, Express, SocketIO, Laravel, Spring, Hibernate, ORM libraries |
| Databases              | MySQL, MongoDB, Oracle, MSSQL, SQLite                                                                                       |
| Tools                  | Git, SVN, JS bundling tools, UML, Scrum, +PHP Frameworks and CMSs, JUnit, Hadoop                                            |
| Platforms              | NodeJS, macOS, Windows 98/Me/XP/7, UNIX, Android, ROS, iOS                                                                  |
| SDLC                   | Agile, Test Driven Development, RUP, Waterfall, Use Case Driven Development                                                 |

### EXPERIENCE

**Quartzy Inc** Mountain View , CA June 2015 - Present  
*Software Engineer*

- Separated and rebuilt the frontend application in EmberJS for quartzy.com.
- Developing end to end features that expands through multiple internal products communicating through RPC.
- Maintains and integrates 3rd party tools and platforms for sales and marketing teams.
- Redesigned client managing admin panel application while working and managing contractors.
- Rebuilt the internal catalog uploading module to allow big files to be uploaded which helped the data analysis team to not be depended on engineers.
- Implemented automated opportunity stage updates that saved the sales team 10 hours a week.
- Implemented automated promotion worker that saved 5 hours a week for the marketing team.

**Fieldbook Inc** San Mateo, CA January 2015 - June 2015  
*Product Software Engineer*

- Responsible for product development, including implementing requested features and fixing bugs.
- Fixed several bugs which were causing double requests to be sent and cut down load time by 2x.
- Successfully implemented a worker node for processing sheets offline removed several timeout exceptions.
- Improved test stability which had become a headache for shipment by combining several promise libraries and refactoring realtime test code.

**Orbit Systems** Columbus , Ohio July 2014 - December 2014  
*Consultant / JPMorgan Chase – Full Stack Developer*

- Developed a cross-browser compatible Project Management Web application.
- 5x faster than the previous version and has a more friendly user interface with great user experience in mind.
- Using JEE, Spring framework and Hibernate with Oracle Database in backend
- Supports real-time updates using WebSockets.

*Application Developer / Web Developer*

- Tapped to serve as Team Lead and Scrum Master for complex projects aimed at design, development, and implementation of advanced software and web applications for major business clients. Analyzed and translated business requirements into functional specifications. Performed coding and application architecture across all phases of SDLC. Documented code fixes, performed extensive debugging, and integrated new features based upon client change requests.
- Designed, developed, and deployed a nationwide Railway Monitoring system using C#, providing efficient solution to share workspace between server-client and data manipulation for better storage.
- Designed and developed a Loan management system using C# which supports multiple companies loans and different asset types.
- Designed and developed a stock trading platform in C# while handling full stock portfolio management and numerous calculations of stock market indicators. It uses Java web crawler for tracking stock price
- Created innovative web crawler using Java for finding emails in Mongolian web pages, including design of image recognition algorithm for emails in image format. Formulated solutions to surmount cookies and session
- Developed an algorithm for vehicle tracking system using Java, gives precise time, route to destination and order of pick-up based on collected statistical data
- Developed views, functions, procedures and packages using SQL to transform data between source staging area to target staging area. Extensively used SQL tables, cursors and exception.
- Acknowledged for developing and launching numerous web pages using Joomla and Wordpress websites
- Key contributor to implementation of backbone for web pages, architected utilizing Symfony PHP framework and implemented front-end Java program modules and CSS.

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

January 2012 - October 2013

*IT Department Instructor / Teacher*

- Instructor at the Information Technology department. Worked as a teacher and on researches. Courses includes: Fundamentals of Algorithm, Object Oriented Technology, Web development

**Sys&CoTech LLC** Ulaanbaatar, Mongolia

October 2012 - Present

Co-founded with a friend Systems and Computer Technology, LLC (Sys&CoTech) company in 2012. We've been working on outsourcing to local businesses and doing consulting. Running strong with 4 developers, a designer and a manager.

EDUCATION

**Maharishi University of Management** Fairfield, Iowa

*Master of Computer Science, GPA 3.82*

Honors:

- Successfully deployed multi node Hadoop cluster for text processing
- Self studied patient care system /Caisis/ in ASP.NET. Built patient forms and worked on front end layout with
- Led 4-member team in development of registration application in Software Engineering course. Effectively coordinated team members and all project phases utilizing Agile Scrum tool. Earned recognition as most organized team class-wide.

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

June 2013

*Master of Information Technology, GPA 3.5*

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

June 2012

*Bachelor of Information Technology, GPA 3.82*

Honors:

- Graduated with Honors, Prime Minister's Scholarship, Golomt Bank excellence scholarship,
- ToyotaMUST scholarship
- Joint Foundation excellence scholarship

LANGUAGES

English, German, Mongolian