

# MANDUUL ENKHEE

777 W Middlefield Rd, #139, Mountain View CA 94043  
641-715-7859 • manduul.enkhe@gmail.com • [linkedin.com/in/manduul-enkhee/](https://www.linkedin.com/in/manduul-enkhee/)

## FULL STACK DEVELOPER

Talented Full Stack Developer with 3 years of experience writing clean and efficient code for various web applications according to specified requirements. Continuously enhance performance and code quality. Skilled in technologies such as JavaScript, React, Angular, Ajax, NodeJS and Spring.

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Frontend Development • Backend Development • Machine Learning • Software Integration •  
Requirements Analysis  
Best Practices • Testing / Debugging • Process Improvements • Performance Enhancements

**Languages:** JavaScript, TypeScript, Java, Python, PHP, C#, Scala  
**Web:** ReactJS, NodeJS, Express.js, jQuery, CSS3, HTML5, JSP  
**Web Services:** Restful API, JSON, Apache, Nginx, Express, AWS Database  
**Web and Application Servers:** Tomcat  
**Frameworks:** React, Node, jQuery, Angular  
**Databases:** MySQL, MongoDB, Firebase, AWS  
**Tools:** Git, Yarn, Postman  
**Platforms:** Windows, Ubuntu, MacOS  
**Big Data:** Machine Learning

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## PROFESSIONAL EXPERIENCE

### DENTSU DATA ARTISTIC MONGOL, Ulaanbaatar, Mongolia • 2018-2019

Software company specializing in Artificial Intelligence.

#### Software Developer (2019)

Performed machine learning research and wrote code for Artificial Intelligence based web applications.

##### **Tasks Performed:**

- Test and implement the applications to production releases (Unit testing, Integration testing).
- Established clean and efficient code based on specifications.
- Integrated software components and 3<sup>rd</sup>-party programs (Slack API, Facebook API, Twitter API).
- Researched Machine Learning and implemented Machine Learning papers to identify best model for projects (Transformer, Tesseract etc..).
- Re-implementing code if there is a performance issue. (Algorithms: DP, Binary Search etc..) (Data Structures: Heap, HashMap etc..)

##### **Achievements:**

- Implemented ReactJS and NodeJS application. (Employee daily report application)
- Completed 2 key Artificial Intelligence based web applications (Video classification, Text extraction from video).
- Increased speed performance 50% by identifying, implementing faster algorithms and coming up with efficient solution.

**Technologies Used:** *React.js, Node.js, JavaScript (ES6), Python, Facebook API, Slack API, NGINX, GIT, Ubuntu Server, RESTful API with JSON.*

#### Assistant Software Developer (2018)

Created data preprocessing code and implementing data filtering.

##### **Tasks Performed:**

- Noise filtering and extract information from data and store the important data to the database using several API's and noise removal techniques.
- Led collection of high volume of text data using Pythong3 and Scrapy.

##### **Achievements:**

- Improved processing speed by establishing efficient algorithm for data processes and adjusting previous code.
- Recognized by manager for high quality work.

**Technologies Used:** *Python, MySQL, React, AJAX, Git, AWS, Ubuntu Server*

**ABLESOFT LLC, Ulaanbaatar, Mongolia • 2016-2018**

Technology company specializing in integrated systems.

**Software Developer**

Contributed to software development.

***Tasks Performed:***

- Fixed bugs and developed new features.
- Replaced JQuery modules with ReactJS.
- Working with the clients.

***Achievements:***

- Developed and deployed 3 new modules to production.
- Recognized for outstanding performance.

**Technologies Used:** *PHP, MySQL, jQuery, Ajax, React, Git.*

## PERSONAL PROJECTS

**Rotaract Mongolia Website (2019):** Created website for non-profit organization. **Technologies Used:** *React.js, Node.js, MongoDB, MySQL, Material UI.* (<http://rotaractmongolia.org/>)

**Customer Managing System (2018):** Developed a desktop application to track customer information and record check-in time using a finger-print scanner. **Technologies Used:** *C# (.NET), SQLite.*

## EDUCATION

**Master of Science in Computer Science**

*(In progress via distance education; expected completion April 2022)*

Maharishi University of Management, Fairfield, Iowa

CS435 Algorithm, CS472 Web Programming, CS544 Enterprise Architecture, CS572 Modern Web Application

**Bachelor of Science in Software Engineering**

International University of Ulaanbaatar, Ulaanbaatar, Mongolia

**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).*