



Zay Yar Htun

Machine Learning Engineer





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 Male

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SUMMARY

A Motivated and adaptable entry-level AI/ML Engineer with a strong foundation in software engineering and hands-on experience through self-initiated real-world projects and collaborative academic modules. Completed industry-relevant courses involving real-world applications, with a track record of volunteering and teamwork. Eager to learn, highly adaptable to new technologies, and passionate about continuous growth as a lifelong learner. Comfortable with fast-paced environments and driven by a strong desire to solve meaningful problems through technology.

EDUCATION

2022 - 2023

Higher National Certificate, *Pearson*

Completed foundational coursework in Software Engineering, covering programming principles, professional practices, and basic projects management. Gained hands-on experience with languages such as Java and PHP, and developed problem-solving skills through practical assignments.

2023 - 2024

Higher National Diploma (HND) in Software Engineering, *Pearson*

Advanced studies in Software Engineering, including data structures, algorithms, and database management. Engaged in collaborative projects emphasizing version control, Agile methodologies, and software testing to build real-world applications.

2024 - 2025

Bachelor of Science (Hons), *University of Greenwich*

Pursuing a degree at the University of Greenwich, focusing on project management, software engineering, and related knowledge. Continuously expanding expertise in AI/ML with practical projects to build a career as an AI/ML engineer.

SKILLS

JavaScript

Proficient in core JavaScript concepts including the event loop, immutability, and async programming. Experience with Node.js, Next.js, TypeScript, and functional programming.

Python

Comfortable with Python for scripting and data science. Hands-on with Pandas, NumPy, and scikit-learn. Studied from *Python Data Science Handbook* and *Automate the Boring Stuff*.

HTML

Skilled in writing semantic, accessible HTML for well-structured web content.

CSS

Strong grasp of CSS fundamentals including Flexbox, Grid, and responsive design. Confident with theming and modern UI patterns.

React.js

Deep understanding of component architecture and state management with reusable, scalable UI development.

Redux Toolkit (RTK)

Experienced in global state management using RTK, slices, and RTK Query.

Next.js

Built SEO-friendly apps using SSR/SSG, dynamic routing, and middleware.

UI Design & Theming

Applied modular design systems with a focus on accessibility and maintainability.

Express.js

Built structured backend apps with JWT auth, routing, and middleware.

MongoDB

Worked with NoSQL databases using Mongoose and Prisma for full-stack integration

Git & GitHub

Daily use for version control, branching, collaboration, and open-source contributions.

SQL

Experienced in writing efficient queries, joins, and subqueries. Familiar with relational database design, normalization, indexing, and SQL-based data analysis.

Docker

Used Docker to containerize applications for consistent development environments. Familiar with writing Dockerfiles, managing containers, and basic Docker Compose setups.

LANGUAGES

English

Japanese

COURSES

- 2025 Machine Learning Zoomcamp, *DataTalk.Club*
- 2025 Data Engineering Zoomcamp, *DataTalks.Club*
- 2025 MLOps Zoomcamp, *DataTalks.Club*
- 2025 AI Foundation : From Theory to Practical Application, *Simbolo*

EXTRACURRICULAR ACTIVITIES

Participated in Google Developer Group's DevFest 2023 [📍](#), engaging with industry experts, hands-on sessions, and tech talks focused on modern development, cloud computing, machine learning, and Google's developer tools. Gained insights into real-world use cases and networked with fellow developers and tech enthusiasts.