

# LINDA LIN

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Fullstack Developer with MSc in Computing and experience delivering web applications using React, Node.js, and MySQL. Skilled in both backend and frontend development, with a background in leading technical projects for global clients.

## Technical Skills

- **Languages & Frameworks:** Python, JavaScript, TypeScript, React, Node.js, Django, SQL (MySQL), HTML, CSS, JSON
- **Tools & Platforms:** Git, GitLab, Linux, AWS, Heroku, Figma, CI/CD, Azure, Vue
- **Others:** Data Analysis, Machine Learning (Scikit-learn, Pandas, NumPy), RESTful APIs

## Projects

### Business Website (Frontend & Django Integration)

08/2025

- Built a responsive company website using HTML, CSS, and Django, implementing dynamic templates and basic backend integration with GitLab version control.

Tools: [HTML](#), [CSS](#), [JavaScript](#), [Django](#), [GitLab](#), [Figma](#), [Bootstrap](#)

### Library Management System (Database)

12/2023

- Led a team of four people, designed a Database application of Library Management System for efficient resource tracking, loan transactions and fine generation, including the creation of a conceptual schema using ER/UML diagrams, translation into a relational schema, and achieved 3NF normalisation.

Tools: [Database](#), [Data Structure](#), [MySQL](#), [3NF](#), [ER/UML diagrams](#), [draw.io](#)

### Consumer Loan Default Prediction (ML & Data Analysis)

02/2024

- Developed end-to-end ML pipeline (EDA, feature selection, model training) to predict loan default risks from 250k+ real customer records. Delivered risk profiling insights to support lending decisions.

Tools: [Python](#), [Machine learning](#), [Data analysis](#), [Scikit-learn](#), [Matplotlib](#), [NumPy](#), [Pandas](#), [PCA](#), [K-NN](#), [Linear Regression](#)

## Experience

### Huawei

Edinburgh, UK

#### Software Project Manager

09/2024-08/2025

- Collaborated with engineers on software research in programming languages and machine learning, contributing to Python code review, dataset preparation, and result validation.
- Maintained project roadmaps and facilitated cross-functional delivery across PMs, engineers, and external partners to drive product innovation.

### CUS Web Design Agency

London, UK

#### Fullstack Developer

02/2024-08/2024

- Independently built web apps for class scheduling, progress tracking, and reward mechanisms for baby swim schools.
- Developed responsive frontend with React, TypeScript, and SCSS
- Designed MySQL schema and backend logic with Node.js and RESTful APIs
- Deployed via GitHub Pages (frontend) and Heroku (backend) with cloud-hosted MySQL

Tools: [React](#), [TypeScript](#), [Node.js](#), [MySQL](#), [REST APIs](#), [SCSS](#), [Git](#), [GitHub Pages](#), [Heroku](#), [UI/UX](#)

### Chicony Technology

New Taipei, Taiwan

#### Technical Project Lead

12/2018-07/2023

- Led three generations of [SpaceX's Starlink project](#) (satellite internet system) as the power board project lead.
- Directed 20+ cross-functional engineering teams (100+ engineers worldwide) to design, validate, and optimise advanced power supply systems for SpaceX, Microsoft, Dell, and HP, ensuring full compliance with client specifications and achieving 99% on-time delivery, and powering products used by over 6 million end users globally.
- Oversaw prototype launch and led production relocation to a new facility in Thailand, building a production line qualified with SpaceX that accelerated delivery by 3 months, and resulted in a \$25M increase in annual revenue.

## Education

### Queen Mary University of London

London, UK

MSc-Computing and Information Systems (Graduated with Distinction)

09/2023-09/2024

### National Taipei University of Technology

Taipei, Taiwan

BSc- Industrial Engineering and Management

09/2014-06/2017