

# CHEN CHEN

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Check Out My Portfolio: <https://chenchen.codes>

Recent Master of IT graduate from CDU, coupled with diverse IT projects experience. Skilled in data analysis, report development, software development, and UI/UX design. A collaborative team player with strong problem-solving skills and an analytical mindset, eager to contribute to roles such as data entry, software development, project support, system administration, testing, report analysis, or UI/UX design. Based in Darwin with full work rights and available to start immediately.

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## SKILLS

**Reporting Tools:** Power BI | Tableau | SSRS | Excel

**Database Management:** SSMS | RDBMS | Oracle |

Firebase | PostgreSQL | MySQL | IndexedDB

**Data Analysis:** Python (Pandas NumPy Matplotlib)

| Data Visualization | Object Relational Mapping

**Tools:** Jira | Trello | Teams | Git | Docker | draw.io

**Design:** Figma | Webflow | Marvel | AdobeXD

**Front-End Technologies:** HTML | CSS | JavaScript |

jQuery | Angular | React | Vue.js | Bootstrap | Kendo

UI | Angular Material | Tailwind CSS | Ionic

**Back-End Technologies:** ASP.NET | C# | .NET Core

| n-Tier Architecture | Web API | CI/CD |

Dependency Injection | Entity Framework (ORM)

| Node.js | Swagger | Burp Suite

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## CERTIFICATIONS

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|----------------------------------|----------|-------------------------------|----------|
| • Power BI Essential Training    | Nov 2023 | • Learning Webflow            | Oct 2023 |
| • SQL for Data Analysis          | Nov 2023 | • Adobe XD Essential Training | Oct 2023 |
| • C# and .NET Essential Training | Oct 2023 | • Entry-Level Python          | Jan 2022 |
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## EXPERIENCE

**Software Developer  
Freelancer**

**Mar 2024 - Present**

- Kaddum ERP system – Transformed paper-based business processes into digital format.
- Led front-end design and development, creating responsive pages with Bootstrap.
- Connected the database for CRUD operations.
- Utilized third-party libraries for dynamic functionality.
- Applied Agile methodology using Jira and GitHub for collaborative development.

**IT Code Fair Participant  
Charles Darwin University**

**Jun 2023 - Oct 2023**

- Digital Receipt Keeper – A solution for managing digital receipts more securely and efficiently.
- Design a relational database schema in MSSQL Server.
- Implemented a 3-tier app using ASP.NET and Web API for CRUD operations.

- Provided first-level technical support via phone, email and in-person, resolving issues and queries.
  - Troubleshoot technical problems related to software, hardware, and networking.
  - Managed and prioritized support tickets, ensuring timely resolution.
  - Documented technical procedures to maintain detailed records.
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## **PROJECTS**

### **Power BI Dashboard Development and Data Modeling**

- Preprocessed data by renaming columns, removing duplicate, and ensuring correct data types.
- Developed a data model with custom queries and table relationships for complex reporting.
- Created a Power BI dashboard.
- Applied DAX functions for custom calculations, dynamic filtering and interactive visualizations.
- Delivered key insights to support stakeholder decision-making.

### **Software Development for Social Media Feed Aggregator**

- FeedMerge – A web application that aggregates various social media feeds in one place.
- Implemented the back-end using Django and PostgreSQL to handle data collection and integration.
- Implemented user authentication to ensure secure access and personalized user experiences.
- Performed full CRUD operations.
- Built the responsive pages with HTML and CSS.

### **Machine Learning for Sentiment Analysis**

- Preprocessed tweet data using Python libraries Pandas and NumPy.
- Conducted exploratory data analysis using Matplotlib and Seaborn to identify patterns and handle missing values.
- Developed predictive models to classify tweets as disaster-related.
- Presented analytical insights and model predictions in a detailed report.

### **Database Design for Hotel Booking System**

- Designed an ER diagram to represent the hotel booking system's relational schema.
  - Optimized the database structure by mapping it to Third Normal Form (3NF).
  - Executed SQL queries for data manipulation and retrieval.
  - Created SQL-based reports to provide insights.
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## **EDUCATION**

Master of Information Technology (Software Engineering)	Charles Darwin University	Jun 2024
Bachelor of Arts in Japanese	Guangxi Normal University	Sep 2018

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## **REFERENCE**

(Available on request)