# John (Chun-Han) Lee

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## Profile:

### Technical Skills:

- **Languages:** C#, Python, Java, JavaScript, TypeScript, Dart, SQL, HTML5, CSS
- **Frameworks & Libraries:** React, Node.js, Django, Flask, Blazor, Flutter, FastAPI, .NET 7, .NET 8, LangChain
- **Databases & ORM:** PostgreSQL, MySQL, SQLite, Oracle, Supabase, Entity Framework Core, LINQ
- **AI & Data Tools:** OpenAI API, Vertex AI, Pinecone, LangChain, Text Embeddings, Custom GPT Development
- **Cloud & DevOps:** Docker, Render, Vercel, Netlify, Firebase, VMware
- **Development Tools:** Visual Studio, VS Code, IntelliJ IDEA, Git, GitHub, SQL Server Management Studio, LINQPad
- **Testing:** Pytest, JUnit, Jest, Selenium
- **Collaboration:** Jira, Figma, Slack, Microsoft Teams

## Project:

### Capstone Project – Event Participant Matching Web Application

- Implemented hot swappable AI models to group event attendees based on professional backgrounds and interests, integrating free form input with AI data parsing for structured database storage.
- Developed a full-stack system solution using Python, FastAPI, PostgreSQL, and Next.js for seamless user interactions.
- Developed and implemented the AI chatbot for user information retrieval and query.

### AI Receipt Tracking System

- Built a CustomGPT tool with FastAPI & Supabase for Costco receipt tracking, handling 50+ daily user inputs.

### AI Book Interpretation & Translation Assistant

- Built a CustomGPT trained on a Mandarin health book to provide English-translated health insights using semantic search.

## Education:

**Digital Media & IT Diploma, Computer Software Development** (*Sept 2023 – Apr 2025*)
  *Dean's Honor Roll (4.0 GPA)*
  **NAIT**, Edmonton, AB, Canada

**Bachelor of Science, Computer Science** (Major), **Business** (Minor) (*Sept 2010 – Sept 2015*)
  **University of Alberta**, Edmonton, AB, Canada

## Technical Employment Experience:

**Data Solutions Developer** (*Contract Position*)
*Pontem Innovations, Edmonton, Alberta, Canada*
June 2024 – December 2024
- Developed templates for ABBYY FlexiCapture OCR tool.
- Implemented a portal using Python, Flask, and Django to create and edit budget forms, improving user experience and form management capabilities.

**Software Programmer**
*RF King Source Inc., Taoyuan, Taiwan*
January 2018 – June 2018
- Familiarized with the e-commerce platform Magento and Docker tool, using them to develop and deploy an e-commerce website.
- Adapted to fast-paced environment with evolving requirements, delivering high-quality code that met the requirements and expectations of stakeholders.
- Acquired critical time management and detail-oriented skills, catching and fixing 90% of the bugs in the code base.

**Software Programmer**
*WATICS Global Corporation., Taipei, Taiwan*
May 2016 – August 2016
- Developed websites, web applications in React, HTML, and Node.js, resulting in a 50% increase in user traffic.
- Developed strong team communication through collaborating with HR, Sales, Back End developers, and UI/UX teams, ensuring smooth and efficient workflow and delivery.

**Additional Employment Experience:**

**Associate Realtor**
*YEGPro Realty, Edmonton, Alberta, Canada*
October 2019 – September 2023
- Effectively communicated with over 50 clients, colleagues, and stakeholder through phone, email and social media platforms, ensuring timely and accurate information exchange.

**Business Owner**
*J.E.L. Renovations., Edmonton, Alberta, Canada*
May 2018 – January 2023
- Learned business management and communication skills through servicing over 20 clients.
- Effectively managed time to meet strict deadlines for over 50+ project, ensuring quality completion and adherence to budget.