





# Jennie Lee

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## TECHNICAL SKILLS

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- Java, Python
- HTML, CSS (MUI, Tailwind CSS)
- JavaScript, TypeScript
- React.js, Vue.js, Next.js
- Express.js, Node.js, Firebase
- RESTful API, GraphQL
- SQL, NoSQL
- Jest
- Docker, Oracle Cloud, AWS, Nginx
- Git, GitHub, Git Bash
- Agile, Scrum (Trello, Jira)
- Figma, Adobe CC, CMS

## WORK EXPERIENCE

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### Drop The Ink

Web Developer, Feb 2024–Sept 2024

Squarespace|WordPress|JavaScript|HTML|CSS|Adobe CC|Canva|SEO

 [www.droptheink.com](https://www.droptheink.com)

- Developed and maintained responsive websites, focusing on enhancing user experience and performance using Squarespace, JavaScript, HTML, and CSS.
- Implemented features such as portfolio galleries, Google Maps integration, and interactive reservation forms.
- Designed graphics and visual content using Canva and Adobe CC, managing and coordinating social media activities.

### OceanML Corporation

Software Engineer - Internship, Sep 2023–Feb 2024


Bubble.io|JavaScript|MUI|AWS(EC2, S3, SQS, API Gateway, IAM)

- Contributed to the development of the 'Manta' SaaS platform for AI-driven digital transformation, optimizing the RFP process using data-driven insight.
- Enhanced data retrieval and processing efficiency by building data pipelines and ensuring data accuracy on AWS S3.
- Supported front-end development tasks, optimizing UI components using MUI.

### Boss & Hoss Irrigation Corporation

Full-stack Developer - Capstone Project, Sep 2022–Apr 2023

React.js|TypeScript|TailwindCSS|MUI|Node.js|Express.js|RESTful API|MySQL|Oracle Cloud|Docker|AWS(EC2, Nginx)

 [github.com/B-H-Capstone-Project](https://github.com/B-H-Capstone-Project)

- Redesigned the company website from WordPress into a dynamic web application, integrating secure data management systems.
- Developed a dashboard for booking visualization on Google Maps, improving operational efficiency.
- Implemented JWT-based authentication and authorization, enhancing security for user registration and login.


### KOTRA Toronto (Trade-Investment Promotion Agency of Korea Consulate)

Marketing Specialist - Internship, Oct 2018–Jun 2019

- Oversaw the management of the 'KotraOmni' Shopify website, utilizing HTML, CSS, and Adobe CC to design and incorporate graphic elements.
- Launch and effectively manage a successful B2C digital marketing platform that promoted K-Beauty products.
- Utilize MS Office Suites and cold calling to organize introductory meetings between suppliers and buyers, effectively facilitating business relationships.

### **Promptopia** Oct 2023 - Current

Next.js|App Router|SEO&Metadata|Data Fetching (SSR,SSG,ISR)|NextAuth

 [github.com/JenHLee/promptopia](https://github.com/JenHLee/promptopia)

Developed an open-source AI prompting tool, focusing on user-friendly design and secure authentication. Optimized for SEO and performance using Next.js features like SSR, SSG, and ISR.

Project

### **Dynamic Scraper** Jun 2024


Python (Beautiful Soup, Request, Playwright, CSV)

 [github.com/JenHLee/dynamic\\_scraper](https://github.com/JenHLee/dynamic_scraper)

- Developed a web scraper to extract job listings from all pages of various job boards, including WWR, RemoteOK, by recognizing pagination.
- Utilized libraries like BeautifulSoup, Requests, and Playwright to parse HTML, handle HTTP requests, and manage dynamic content, automating the extraction of job title, company name, salary, location, and URL.
- Exported Dataset as a CSV file for further analysis in Excel.

### **Samurai Pizza Cat - Harvest Talent Incubator Full-stack Developer Bootcamp** Sep 2022 - Dec 2022



React.js|TypeScript|Apollo GraphQL|Express.js|Node.js|MongoDB|Docker|Git|GitHub|Scrum|Agile|Jest|Jira

 [github.com/JenHLee/Samurai-Pizza-Cats-HyunjuLee-main](https://github.com/JenHLee/Samurai-Pizza-Cats-HyunjuLee-main)

- Developed a pizza ordering application with React.js, TypeScript, Apollo GraphQL, Express.js, Node.js, and MongoDB.
- Utilized Jest for comprehensive testing, ensuring robust functionality of server-side logic and client components.

### **Space App - NASA Space National Prize** - 2nd place at NASA CSA Space Apps Challenge 2022 Oct 2022


Kaboom.js|Node.js

 [github.com/HeshanPunch/SpaceApp2022/tree/main/SpaceApp22](https://github.com/HeshanPunch/SpaceApp2022/tree/main/SpaceApp22)  [youtube.com/watch?v=MZ\\_g8qZ1Rh8](https://youtube.com/watch?v=MZ_g8qZ1Rh8)

- Developed an educational web-based game focused on space operation hazards, using Kaboom.js for game mechanics.
- Enhanced user engagement by refining content based on data analysis of user interactions.

### **Home nVentory** Jun 2022 - Aug 2022

React.js|Node.js|Express.js|RESTful API|MongoDB

 [github.com/JenHLee/home-inventory-app](https://github.com/JenHLee/home-inventory-app)

- Built a web application for homeowners to manage household inventories.
- Implemented CRUD features and role-based access control, enhancing data management for insurance purpose.

## **RELATED EXPERIENCE**

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- **Vice-President of SAIT Student Code (SSC) Club at SAIT** 2021-2023  
Organized coding workshops and meetups, fostering a collaborative learning environment.
- **Full Stack Developer Volunteering at New Idea Machine** 2022  
Contributed to web development projects, focusing on front-end components.
- **Tech Mentors Volunteering at Calgary Public Library** 2022  
Assisted patrons with technical issues, providing guidance on software tools and stacks.

## **EDUCATION**

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- **Southern Alberta Institute of Technology (SAIT)**  
Diploma. IT- Software Development — GPA 3.80/4.0
- **Kyung Hee University**  
BA. Fine Arts with Media Arts Track — GPA 3.75/4.3 (2nd Highest GPA in a Graduating Class)