Ethan Lee

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As a passionate and dedicated fullstack web developer, I bring a wealth of experience in designing and building high-quality, scalable web applications. With expertise in both frontend and backend development, I have a strong command of technologies like JavaScript, TypeScript, React, Next.js, Vue, Node.js, Express, FastAPI, and more. Over the years, I have developed a deep understanding of modern web development frameworks and have honed my ability to architect robust solutions for complex projects. I have experience working with various databases including MySQL, PostgreSQL, and MongoDB, ensuring data integrity and efficient management..

I am always eager to learn and stay updated with the latest advancements in web development, including Web3 technologies and cloud solutions like AWS. I take pride in writing clean, maintainable code and thrive in environments that foster collaboration, creativity, and innovation. As a fullstack developer with a commitment to delivering top-notch results, I strive to continuously expand my skill set and contribute to building impactful digital experiences.

PROFESSIONAL EXPERIENCE

AgileBits (Remote)   **Toronto, ON M2N 6K8**
FullStack Developer   *October 2022–June 2024*

- Developed and maintained both front-end and back-end components of applications using technologies such as React, Express and Flask
- Worked on integrating front-end and back-end functionalities to create seamless user experiences
- Managed deployments and monitored application performance

-Faced difficulties with deployment and environment configuration challenges

Established continuous integration and deployment pipelines with GitHub Actions

Used Docker to ensure consistent environments across development, staging and production

-As a result, reduced configuration related issues leading to more stable and reliable releases.

Bold Commerce (Remote)   **Winnipeg, MB R3Y 0L6**
Backend Developer   *February 2021–August 2022*

- Developed and maintained backend services using Express and integrated them with front-end applications
- Designed and optimized database schemas and queries for performance and scalability
- Implemented RESTful APIs and microservices architecture

-Faced difficulties when handling high traffic during peak periods

Optimized database queries and introduced indexing to improve data retrieval speeds

Integrated caching mechanisms using Redis to reduce database load and response times

-As a result, improved performance during high traffic periods over 25%

Klipfolio (Remote)   **Ottawa, ON K2P 0A6**
Frontend Developer   *July 2018–December 2020*

- Designed and implemented user interfaces for web applications using HTML5, JavaScript, CSS5 and React, Next and TailwindCSS as frameworks and libraries
- Collaborated with the backend team to integrate APIs and ensure seamless user experiences

-Faced difficulties with performance issues with complex UI components

Refactored and Rearranged components using React's memorization techniques and reconciliation

Optimized large image files and implemented lazy loading for better user experience

-As a result, reduced the initial load time and improved user experience over 40%

Concordia University (Intern)   **Montreal, QC H3G 1M8**
Junior Web Developer   *July2017–March 2018*

- Developed several projects such as Learning Management System and Collaborative Learning Platform
- During developing last project in university, led development team

Concordia University   **Montreal, QC H3G 1M8**
Bachelor of Science in Computer Science (concentration: Web Services and Applications),   *May 2018*

ADDITIONAL SKILLS

- Programming Language: C++, PHP, Python, JavaScript(TypeScript)
- Frontend: HTML5, CSS3, Sass, TailwindCSS, Bootstrap, React, Next, Vue
- Backend: Node.js, Express, FastAPI, Nest, Laravel, Django, Flask
- Database: MySQL, PostgreSQL, MongoDB, Redis
- Language: English(Fluent), Chinese