

Ethan Carr

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Objective

Driven and versatile software engineer with a strong foundation in web and full-stack development, aiming to leverage a diverse skill set and recent projects in software engineering. Seeking an junior-level position where I can apply my knowledge of JavaScript, TypeScript, Python, and React in a dynamic and collaborative environment.

Education

Bachelor of Arts in Mobility Politics

Hampshire College - Graduated: 2017

Full-Stack Computer Engineering Certificate

edX - Completed: 12, 2025

Skills acquired: Full-stack development, JavaScript, React, Node.js, Express.js, databases (PostgreSQL, MongoDB), CI/CD, testing, and deployment practices.

Technical Skills

- **Languages & Frameworks:** JavaScript, Python, TypeScript, SQL, HTML, CSS, React, Node.js
 - **Back-End & Databases:** PostgreSQL, MongoDB, MERN stack, Web APIs, RESTful Services, Server Management
 - **AI & Machine Learning:** AI prompt engineering, introductory machine learning concepts, data processing
 - **Development Tools & Methodologies:** Git, CI/CD, testing and deployment practices, Agile & Waterfall methodologies
 - **Other Tools & Skills:** Authentication, Object-Oriented Programming, API integration, proficiency in ASL, intermediate German, French, Mandarin, Spanish
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Projects

Professional Portfolio

Built a personal portfolio site using React and TypeScript, showcasing various projects and skills. Implemented CI/CD practices and deployed on Netlify, with full documentation on GitHub. Demonstrated proficiency in responsive design, reusable components, and modern web technologies.

AI Prompt Engineering Project

Developed a project focusing on AI prompt engineering with natural language processing to enhance language model interactions. Applied Python and JavaScript, working with APIs and prompt refinement to optimize model outputs and user experience.

Full-Stack Web Application

Designed and built a web application featuring user authentication, CRUD functionality, and API integration, leveraging the MERN stack. Utilized Agile methodologies for project management and Git for version control.

Professional Experience

Chef | Culinary Arts and Hospitality

6 Years

- Managed kitchen operations, training, and team coordination, demonstrating strong leadership and problem-solving skills.
- Developed menu items and contributed to customer satisfaction through consistent quality and attention to detail.
- Leveraged experience in project management, which is highly transferable to agile environments in software development.

Conservation Corps | Environmental Conservation

Wisconsin, Minnesota, North Dakota, South Dakota, Iowa | 2 Years

- Worked collaboratively on projects focused on sustainability and environmental preservation.
 - Developed a foundation in project-based teamwork and adaptability across changing conditions.
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Certifications

- **Full-Stack Computer Engineering Certificate** – edX

Additional Experience

- **Landscape Design:** Skilled in landscape aesthetics, site assessment, and sustainable design.
- **Education:** Experience in teaching cooking, nutrition, and sustainability in community education settings.

Language Proficiency

- **American Sign Language (ASL):** Proficient
- **German, French, Mandarin, Spanish:** Conversational

References

Available upon request