

# Alexander Gabrichidze

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## PROFESSIONAL SUMMARY

Computer Science sophomore at the University of Wisconsin – Madison with strong skills in full-stack development using Next.js. Experienced in building scalable, high-performance web applications and looking for a software engineering role to drive impactful software solutions in a dynamic team environment.

## EDUCATION

<b>Bachelor of Science, Computer Sciences</b> , University of Wisconsin – Madison	Sep. 2024 – Present
<ul style="list-style-type: none"><li>GPA: 4.0 / 4.0</li><li>Dean’s List, multiple grants</li><li>Relevant Coursework: Linear Algebra, Intro to Artificial Intelligence, Honors Intro to Algorithms</li></ul>	
<b>Bachelor of Science, Computer Science</b> , University of Illinois at Chicago	Sep. 2023 – May 2024
<ul style="list-style-type: none"><li>GPA: 4.0 / 4.0</li><li>Dean’s List, Merit Tuition Award, multiple scholarships</li><li>Relevant Coursework: Program Design I &amp; II, Mathematical Foundations of Computing</li></ul>	

## WORK EXPERIENCE

<b>Software Engineering Intern</b> Global Education Fasciliators	June 2024 – Present <i>Remote</i>
<ul style="list-style-type: none"><li>Migrated the web application’s UI to Next.js, enhancing the frontend’s performance and scalability while maintaining the existing design and functionality.</li><li>Integrated PostgreSQL and REST APIs for efficient data management, streamlining backend communication and boosting maintainability across the system.</li></ul>	

## PROJECTS

<b>Backend Engineer</b> , Library Management System API (view on Github)	Dec 2024 – Feb 2025
<ul style="list-style-type: none"><li>Developed a robust backend application using raw Java and JDBC, implementing a comprehensive suite of RESTful APIs to manage books, users, and loans – with full CRUD functionality and advanced search capabilities.</li><li>Engineered detailed API endpoint mappings and optimized database queries, ensuring efficient resource management and scalable performance while exploring the challenges of backend development in pure Java.</li></ul>	
<b>Fullstack Engineer</b> , Developer Portfolio (alexgab.com)	March 2024 – May 2024
<ul style="list-style-type: none"><li>Designed and developed a responsive portfolio website using React, Tailwind CSS, and Framer Motion, enhancing user experience with smooth animations and modern design.</li><li>Implemented backend functionality with Node.js and Express, integrating Nodemailer for seamless contact form submissions and improving communication efficiency.</li></ul>	

## SKILLS

<b>Languages</b>	TypeScript, JavaScript, SQL (PostgreSQL), HTML/CSS, Java, Python, C/C++
<b>Frameworks</b>	Next.js, React, React Router, Express, Node.js, Deno, Vitest, Jest, Tailwind CSS, JUnit
<b>Developer Tools</b>	Git, Linux, Bash, Make, VSCode, Vim