

# Eric Chhour

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## EDUCATION

**University Of Ottawa GPA: 3.9/4.0**

Ottawa, ON

*Bachelor of Applied Science, Software Engineering (Co-op)*

*Sep. 2023 – Jan. 2028*

## EXPERIENCE

**Software Developer (full-stack) Co-op**

Jan 2025 – April 2025

*DistillerSR*

*Kanata, ON*

- Collaborated within a cross-functional product engineering team alongside Product Owners, UX Designers, QC Engineers, Infrastructure, and other software development teams to build and enhance SaaS product features.
- Utilized a full-stack tech stack including **PHP (Laravel), React, MySQL, Docker, Kubernetes, HTML/CSS, Jest, PHPUnit, and Bitbucket** for feature development and infrastructure improvements.
- Contributed to the entire development cycle by attending sprint planning, stand-ups, retrospectives, and delivering sprint demos to stakeholders.
- Led a research initiative within a back-end engineering group, exploring internal microservices to document functionality, integration points, and improvement opportunities.
- Increased **unit test coverage up to 90%**, contributing to system compliance and code quality standards.

**Full-stack Developer**

Feb 2025

*DevLens @ uOttahack*

*Ottawa, ON*

- Worked with a team of engineering students during a **36-hour long hackathon** to develop a web-application that allows users to generate **UML diagrams and code documentation** from source code in real-time
- Integrated the **Gemini AI model** to analyze user-provided source code and intelligently infer system components, relationships, and documentation details.
- Took a leadership role in organizing the team, managing tasks, and ensuring smooth collaboration.
- Built with modern technologies including **Next.js, React, Node.js, Chakra UI, TailwindCSS**, focusing on responsive design and smooth user experience.

**Software Engineer**

Sep 2024 – Nov 2024

*MRBandage - Student Startup with Client*

*Ottawa, ON*

- Collaborated with fellow engineers to develop smart bandage device that detects wound infections utilizing both hardware and software. Incorporated **Engineering Design Process, prototyping** and **agile methodologies**.
- Developed a mobile application using **React Native**, establish connection to hardware for data communication.
- Took on leadership role and established effective communication and collaboration among team members.
- **2nd place** in our engineering design competition division

## SKILLS

- **Languages:** PHP Laravel, React, Node.js/Express, TypeScript/JavaScript, SQL, Java, Python, HTML/CSS
- **Tools:** Docker, Kubernetes, Git, VS Code, Jest/JUnit/Vitest, PHPUnit, REST & GraphQL API
- **Systems:** Windows, MacOS
- Excellent **learning** and **adaptability skills** demonstrated through past projects and experiences
- Excellent **time management** and **organization skills** gained from active roles in managing and organizing tasks
- Great sense of **responsibility** and **accountability** observed by fellow team members
- Great **problem-solving** and **critical thinking skills** proven through past experiences

## PROJECTS

**Rentify** | *Android Application - Android Studio Java, SQLite*

Dec 2024

- Collaborated with a team of engineering student to develop a marketplace application using Android Studio/Java.
- Incorporated different types of user and implemented form sanitization and validations.
- Utilized SQLite for local data persistence, ensuring secure handling of user credentials, listings, and transactions.
- Collaborated using Git and GitHub for version control, conducting code reviews and managing feature branches.

**Hack the Hill Hackathon** | *Full-Stack Application - Android Java, Node/ExpressJS, FB Firestore*

Sep 2024

- Collaborated with a team during a 36-hour hackathon to develop a full-stack Android application that enabled users to receive personalized AI-driven suggestions, resulting in a 90% user satisfaction rate during the demo.
- Applied software design principles, effectively delegated tasks, and fostered a collaborative "hacker" spirit
- Implemented an Express.js backend API to communicate between the client application and the Gemini AI API