

Andrei Anastasiu

edward.anastasiu@ontariotechu.net | <https://github.com/Dolus-dev> | 647-806-4242 | Scarborough, ON | <https://linkedin.com/in/andrei-anastasiu/>

SUMMARY

Software Engineering student pursuing a Bachelor of Engineering at Ontario Tech University, with two years of hands-on TypeScript and JavaScript development across React/Next.js frontends, Node.js backends, and PostgreSQL databases, plus a Java and object-oriented foundation (A+ in Advanced Object-Oriented Programming). Built and iterated on features across personal and team projects, and improved API response times by over 50% with Redis caching. Analytical, quick to pick up new languages and tools, and experienced in a production environment at Celestica.

SKILLS

Languages: TypeScript, JavaScript, HTML5, CSS3, SQL, Java (coursework)

Frameworks & Libraries: React, Next.js, Node.js, Express.js, Discord.js, Tailwind CSS, TypeORM

Databases: PostgreSQL, Redis, MongoDB

Tools: RESTful APIs, Git/GitHub

EXPERIENCE

CMO Mechanical Assembler

May 2026 - Aug 2026

Adecco and Celestica, Newmarket, ON

- Operated specialized PCB washing equipment in a high-throughput production environment, working solo during busy periods to keep boards flowing to downstream assembly.
- Prepared diodes, resistors, and other components for mounting and tinned component leads using solder pots, following handling standards and build requirements; took on more independent prep responsibility over the contract.
- Inspected wash-stage output for quality and process consistency before release to subsequent assembly work.

Bakery Clerk

Nov 2019 - Oct 2021

Longo's, Stouffville, ON

- Operated and maintained commercial food-processing equipment while following standardized procedures, safety requirements, and daily production targets.
- Coordinated inventory movement between storage and retail areas to keep products available and reduce stock gaps.
- Tracked items from production through expiry, making markdown and disposal decisions to help limit waste.
- Adapted to shifting store priorities by supporting additional operational areas as business needs changed.

EDUCATION

Bachelor of Engineering, Software Engineering

Sept 2025 – Present

Ontario Tech University

- Relevant coursework: Web Development, Engineering Design.

- Web Development final project score: 100%

Bachelor of Engineering, Computer Engineering

Sept 2022 - Apr 2025

York University (Transferred Out)

- Relevant coursework: Advanced Object-Oriented Programming, Engineering Ethics.
- Earned an A+ in Advanced Object-Oriented Programming (Java)

PROJECTS

Task Management App

Oct 2025 – Nov 2025

Ontario Tech University

<https://github.com/Dolus-dev/SOFE-2800U-Final-Project>

Built a Trello board inspired task management web application as the final group project for SOFE2800U Web Development at Ontario Tech University.

- Collaborated with teammates in defining feature scope to budget development time effectively.
- Built reusable React, TypeScript, and Tailwind CSS components to support core board interactions.
- Documented client-side vs. server-side rendering tradeoffs with working Next.js examples to guide implementation decisions.
- Presented the completed application to a panel of Teaching Assistants and earned a final project score of 100%.

Loki

Nov 2024 - Present

Personal

https://github.com/Dolus-dev/Loki_v3

Developing a custom Discord bot and companion web dashboard in a TypeScript monorepo that consolidated overlapping community-management tools into one maintainable system.

- Replaced overlapping third-party community-management functions with a single custom Discord.js bot written in TypeScript to simplify administration and reduce tool sprawl.
- Streamlined moderation workflows to make administrative actions faster and more consistent when handling disruptive behavior.
- Added engagement-focused commands that supported active use by 15 users.
- Implemented Redis caching on selected API routes, improving response times by over 50%.
- Moved the data layer from an early document-based prototype to a relational PostgreSQL schema, using TypeORM for safer data access.
- Built a GUI configuration dashboard with Next.js and Tailwind CSS to make settings management more accessible for users.