NOURELDEEN AHMED

+1 (519) 731-0569 ⋄ Guelph, ON, Canada (N1L 0M6)

nnourr@nnourr.me ⋄ nnourr.tech

PROFESSIONAL SUMMARY

Software engineering graduate with co-op experience in developing high-impact, scalable software solutions. Skilled in creating equally beautiful Frontends and Backends. Project Management advocate. Vocal team member seeking to leverage my technical and leadership skills in a dynamic software development environment.

EDUCATION

Bachelor of Computing, Software Engineering (Co-op), University of Guelph *Expected June 2025*
Minor: Project Management

TOP SKILLS

Languages	JavaScript, Python, Java, GO, C#, SQL
Frameworks	React, Angular, Vue, Node.js, Django, .NET, Java Spring, GraphQL
Cloud	CI/CD, Docker, Firebase, GitHub Actions, Google Cloud, AWS, Microservice Architecture

EXPERIENCE

Software Engineer Co-Op, ecobee *Jan 2024 – Aug 2024*

- Expanded our event-driven architecture with polymorphic, scalable webhook handlers in go.
- Configured Cloud VPC networks and private endpoints, reducing staging costs by 20%.
- Built dynamic, user-facing web components with React, Styled Components, and Storybook for testing.
- Organized team-wide release discussions and initiated process improvements, increasing production stability.
- Led 3 multi-faceted, SEV1 Cloud upgrades, cooperating with my team to manage risk on tight deadlines.

Cyber Security Applications Developer Co-Op, Royal Bank of Canada *May 2023 – Aug 2023*

- Translated new requirements into Jira releases, epics, and stories for a rapidly evolving security dashboard.
- Architected RESTful API endpoints and database migrations using Django REST and MySQL.
- Managed feature pipelines from data ingestion to front-end API, focusing on security and scalability.

Full Stack Web Developer Co-Op, System1 *Sep 2022 – Dec 2022*

- Grew our Advertising dashboard to support third-party vendors with Angular and .NET.
- Improved SQL query efficiency, reducing response time by 30-40%.

PERSONAL PROJECTS

Music Circle React, Firestore, ExpressJS, Google Cloud Run, Spotify API *May 2024 – Present*

- Built a scalable Express.js backend on Google Cloud Run, enabling seamless music sharing.
- Integrated OAuth for Spotify API authentication, ensuring secure and user-friendly access.

Reddit to TikTok Re-Poster Flask, Python, OpenCV, Selenium, Reddit API *Mar 2021 – May 2021*

- Used OpenCV for video analysis and automated content creation with Flask and Selenium.
- Achieved 95% improvement in goal-finding speed through multithreading and binary search algorithms.

EXTRA-CURRICULAR ACTIVITIES

RBC BattleSnake Finalist MiniMax Algorithm, AWS *Jul 2023*