

March 5, 2026

## To Whom It May Concern

I am pleased to write this letter of recommendation for **PENNY AHLSTROM (Student Number: 101488485)**, a student in my courses at George Brown Polytechnic in Toronto, Canada. Penny was enrolled in COMP3104 (DevOps) and COMP3123 (Full Stack Development I) during Fall 2025 and is currently completing COMP3133 (Full Stack Development II) in Winter 2026. During this time, she consistently demonstrated diligence, strong technical ability, and a genuine interest in software development.

Penny's participation in course activities and assignments reflects a thoughtful and disciplined approach to learning. She demonstrates a strong ability to understand complex technical concepts and apply them effectively in software development projects. Her academic performance was outstanding, achieving A+ grades in both COMP3104 and COMP3123.

In COMP3123, Penny developed a full-stack web application using the MERN stack (MongoDB, Express, React, and Node.js). The project involved designing REST APIs, building a React-based front end, integrating a MongoDB database using Mongoose for data persistence, and supporting user authentication and full CRUD operations for employee records. Her ability to translate theoretical concepts into well-structured software solutions resulted in clear and maintainable code.

In COMP3104, Penny further demonstrated strong technical and organizational skills. As the team leader for the group project, she created and managed the team's GitHub repository, organized the branching workflow, and coordinated collaboration through pull requests and merges. Through this work, she demonstrated a strong understanding of version control practices, collaborative development workflows, and DevOps methodologies in a software development environment.

Penny is currently expanding these skills in COMP3133, where the coursework includes MEAN (MongoDB, Express, Angular, and Node.js) stack development, GraphQL APIs, real-time communication using Socket.io, testing frameworks such as Mocha and Chai, authentication and authorization practices, Angular application architecture, and development using TypeScript.

Throughout these courses, Penny demonstrated strong analytical thinking, persistence in solving complex programming challenges, and the ability to work both independently and collaboratively within a development team. She approaches technical problems methodically and is willing to dedicate the time needed to fully understand how systems are designed and implemented.

I recommend Penny without hesitation for software and full-stack development roles and am confident that she will make a valuable contribution to any development team.

Please feel free to contact me if you require any additional information regarding Penny's qualifications or character.

Sincerely,



05/March/2026

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