Ammar Ibrahim

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Skills

- **JavaScript, HTML, CSS, Node.js, Express.js, SQL, MongoDB, Python**
- **Microsoft Office Suite:** Proficient in use of Word, Excel, PowerPoint, Outlook & Teams

Projects

Yelp Camp ([Github](#))
- Comprehensive application allowing users to share their campgrounds using modern technologies like Node.js, EJS, Express.js, Bootstrap, and MongoDB.
- It was further enhanced using features such as; authentication and authorization with passport.js, and image management using Cloudinary.

Weather App ([Github](#))
- Built a simple weather application that integrates a third party API to retrieve data for the user on demand, through the use of the Axios library, and async/await functions.

Education

Udemy

The Web Developer Bootcamp 2023 – Colt Steele	January.2023 – October.2023
Modern React with Redux 2023 – Stephen Grider	November.2023 – Present

University of Guelph   Sept.2015 – May.2020
Bachelor of Engineering, Mechanical Engineering (Co-Op)   Guelph, ON
- **CGPA:** 3.68/4.0
- Entrance/Bob & Nancy Scholarships | Dean's Honour List for 7 Semesters

Work Experience

Manufacturing Engineering Specialist   July.2023 – Present
Mirus International   Brampton, ON
- Designing a tensioning jig to apply continuous tension on copper wire to aid in the winding process.
- Designed a pneumatic clamping system to help hold the trays on the conveyor while operators assemble units.
- Determined the root cause of various production issues to provide a containment and preventative solution for future orders.

Production (Machine Shop) Supervisor   March.2022 – January.2023
Romet Ltd.   Mississauga, ON
- Supervised 51 team members across 4 shifts, and 17 CNC machines to ensure a safe and productive environment.
- Led daily meetings with all machine shop staff to discuss various production issues and assist in removing production bottlenecks.
- Evaluated production needs and made sure that every step of the manufacturing process was carried out efficiently while adhering to the health and safety requirements.

Manufacturing Engineering Technologist   January.2021 – March.2022
Romet Ltd.   Mississauga, ON
- Improved assembly process by refining the build sequence, implementing tools, and material flow process increasing overall capacity by 70%.
- Designed a casting porosity leak test fixture to increase inspection efficiency of incoming supplier parts.
- Addressed various customer concerns by investigating the root cause, containing the issue in a timely manner, and exploring possible escape points in the process.