Anish Ahuja

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EDUCATION

Toronto Metropolitan University — Expected December 2025
Bachelor of Science in Computer Science (Co-op) With Distinction — *Toronto, ON*
- – Minor in Mathematics and Cybersecurity, Concentration in Software Engineering

WORK EXPERIENCE

Ontario Power Generation (OPG) — Sept 2024 – Aug 2025
Developmental Co-op Student (Operations) — *Darlington, ON*
- – Coordinated the Fixing the Plant initiative by developing automation tools (excel macros/python scripts) and Power BI dashboards integrated with SQL queries (MSSQL) to enhance permitry tracking and data visibility.
- – Accelerated the streamlining of critical plant operations by enabling teams to monitor progress, prioritize tasks, and support the timely return of major equipment to service, helping **reduce the backlog by 40%**.
- – Designed an Email Notification System using SendGrid API to notify senior operations leaders about permits nearing dormancy, helping prevent wasted resources on re-verifying inactive permits.
- – Facilitated development of the "Staying On Top" AI tool, which analyzed Observation & Coaching (O&C) data to generate actionable metrics and summary slides, improving training effectiveness and reducing costs
- – Developed web applications for future operations tools within the Operations and Maintenance Innovation Hub, utilizing Angular Typescript (frontend), Visual Basic .NET (backend), and deploying via Azure DevOps.

Royal Canadian Mounted Police (RCMP) — May 2023 – Aug 2023 & Jan 2024 – April 2024
Junior Programmer Analyst — *Ottawa, ON*
- – Worked within the Common Solutions Development 2 (CSD2) unit under the Solutions Development Branch, directly supporting the stability and evolution of mission-critical law enforcement systems deployed across Canada.
- – Proactively managed development and operational support for systems including CFSS, SAFE, MCPUR Web, CSPS, and PSP Web, resolving over **30% of critical backlog GitLab tickets** during biannual milestone releases.
- – Integrated and configured backend services for CPIC Messaging using IBM AppConnect and IBM APIConnect to support secure and encrypted inter-agency messaging workflows, deployed on Red Hat Linux servers.
- – Debugged and optimized Java-based web applications using WebLogic 12.2.1.4, Apache Struts2, and Spring JPA, collaborating with senior developers to triage incidents, reduce technical debt, and ship clean releases.
- – Configured and assembled Jenkins pipelines to support automated JUnit testing for Java-based web applications, contributing to CI/CD workflows and improving build reliability for nationally deployed systems and applications.
- – Utilized GitLab, SQL Developer, and Eclipse, in Agile sprints to maintain source control, validate database queries, and ensure high test coverage across applications running on IBM DB2, Oracle DB, and MS SQL Server databases.
- – Engineered dynamic HTML templating solutions for the IPE infrastructure to optimize web performance, support bilingual localization, and streamline content across multiple RCMP hosted public-facing applications.
- – Spearheaded the redevelopment of the EMRS system, including implementing robust Java components using Spring JPA, PrimeFaces, WET, WebServices, JDBC connectors, Hibernate, and related frameworks.

TECHNICAL SKILLS

Programming: Python, Ruby, C# .NET, NodeJS, SQL, HTML, Java, React, CSS, Angular, JavaScript
Software: MS Office, Power BI, VS Code, IntelliJ, XCode, Docker, MS SQL Server, MongoDB, DevOps, Git

PERSONAL PROJECTS

Ecommerce Full Stack Web Application – React, Redux, GraphQL, Firebase, Stripe API
- – Developed an ecommerce platform integrating Stripe API for transactions and Firebase for authentication.
- – Utilized React with HTML/CSS and deployed to Netlify.

YelpCamp Full Stack Web Application – NodeJS, MongoDB, Express, Cloudinary, MapBox
- – Built a full stack app with user account creation, image uploads, and map-based camp location tracking.
- – Used Cloudinary for image storage and MapBox for geographic visualization.
- – Deployed app to Heroku and stored encrypted user data in a NoSQL database, MongoDB Atlas.