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Experience

Platform Engineer

April 2024 - Present

Case IQ, Ottawa, Canada

- Collaborated with a team of developers to integrate transaction functionality into the form builder, a critical feature of the application, significantly enhancing its stability.
- Developed the access request feature, enabling users to request access to suggested cases they were expected to view, improving case accessibility.
- Implemented logic to support "And" and "Or" operations in permission conditions, enabling complex boolean logic. This required updates to core components, including the Seneca permission module, the Elasticsearch search query builder, and the plugin for defining virtual and materialized views in PostgreSQL.

Software Application Developer (Custom Team) at Delivery

November 2021 - April 2024

Case IQ, Ottawa, Canada

- Collaborated closely with other developers in the implementation for both API and File integration of Navex with our system, ensuring seamless data transfer and integration between the two platforms.
- Developed a custom user alert feature using Nodejs and Backbone that allowed users to set their own criteria for receiving notifications about recently submitted cases or incidents.
- Developed a PDF generation feature using PDFTron and Docxtemplater to quickly generate comprehensive summaries of suspects apprehended in the past three months, including images and relevant details.
- Played a key role as one of the lead developers in the successful implementation of custom features for the UPS project, which was one of the most complex projects undertaken by Case IQ between 2021 and 2023.
- Fully Integrated the client application mailing system to rely on Microsoft Graph API and Office 365, replacing clearswift and enabling comprehensive functionality, such as Sending/Receiving Emails, scheduling appointments, and leveraging all Case IQ mailing features.

Education

Master of Engineering, Electrical and Computer Engineering

2018 – 2020

McMaster University, Hamilton, ON, Canada

- Achieved a cumulative grade-point average of 3.95/4.
- Relevant Coursework: 3D Image Processing and Computer Vision, Linear System Design and Theory, Matrix Computations for Signal Processing and Data Science.

Bachelor of Engineering, Electronics Engineering

2013 - 2018

Princess Sumaya University for Technology, Amman, Jordan

- Graduated ranked 1st among Electronics Engineering class of 2018.

Certificates

AWS Certified Cloud Practitioner

August 2021

Successfully completed the AWS CCP certificate with a score of 880/1000.

Languages and Technologies

- **JavaScript(3 years):-** Typescript, React, Node, Express, Seneca, Stream, Jest, Backbone.js, jQuery and D3.js.
- **C# (1 year):-** ASP.Net Core, Entity Framework Core, LINQ, NUnit and Nest.
- **Python (1 year):-** PyTorch, Scikit-learn, PyMC3, SQLAlchemy, Matplotlib, Pandas and Numpy.
- **Technologies:-** Git, Redis, Elasticsearch, Postgres, Microsoft SQL Server, Docker, Quartz and RabbitMQ.
- **Other:-** HTML5, CSS3, Java, Postman, OOP, Latex, Vim, and Visual Studio Code.