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OBJECTIVE

A skilled software developer with more than 10 years of experience in designing, implementing and delivering fast, efficient and reliable applications. I am seeking a challenging position as a Data Engineer to leverage my experience and passion for scalable and reliable applications.

SUMMARY

Experience leading large teams of developers, designers and analytics to deliver multi-million dollar solutions which drove $50 million revenue generating units. An expert in web application development with enterprise experience. Proficient in various programming languages, database management systems, cloud providers and software development methodologies.

EXPERIENCE

Principal Developer (L6), TELUS Communications — 2020-Present

- Led and managed a 1MM dollar team and project which improved the web performance of all web domains by 2 seconds in Largest Contentful Paint.

- Led OMNI Channel architecture by designing and delivering a MicroFront End Framework to enable re usability and resiliency of our platform.

- Developed Content Delivery Network strategy to improve the performance and reliability of Telus.com.

- Chaired several technical review board with executive stakeholders to review emerging projects and facilitate architecture review.

- Implementing data security and privacy measures to protect sensitive data.

- Created the Technology Onboarding session to drive culture fit and onboarded 80 developers to Telus Digital.

- Led the migration from Openshift dedicated to Google Cloud Platform of our digital applications while improving time to recovery.

- Evangelized Chaos Engineering, Blue/Green Deployments and performance testing.

Enterprise Architect, Economical Insurance — 2020-2020

- Led the adoption of Kubernetes to modernize legacy applications across by leveraging a 'platform as a service' model.

- Developed MicroService Guiding Principles to enable cloud native and server less technology.

- Managed vendor engagement with EPAM to develop Data Platform strategy for data ingestion and data modelling and query optimization for book of business.

- Assisted with the MLOps of machine learning models for reinsurance.

- Collaborated closely with CIO and VPs to identify the modernization of hundreds of business applications at Economical.

Senior Data Architect, TELUS Communications — 2018-2020

- Developed first-in market server-side personalization service which enabled millions of dollars in revenue and partnerships with Adobe and Contentful.

- Enabled a personalization and A/B testing practice that drives $1.6 million in retention a year.

- Solved critical implementation issues which improved customer experience by reducing a flicker in the website.

- Managed an Enterprise API Service which receives around 500,000 request her day.

- Collaborated with Data Scientists and Data Engineers to develop a MLOps pipeline.

- Fostered junior developers by providing coaching and mentorship.

Senior Architect Consultant, CIBC — 2017-2018

- Developed API Marketplace to delivered Open Banking services to third-party retailers.

- Built and deployed an API Portal, as means for developers to discover, collaborate, consume and publish APIs to increase re usability and discoverability.

- Added support for NodeJS along side Java to create a RESTful micro service architecture.

- Developed a Kubernetes visualizer to mitigate incidents with pod's health and traffic flow.

- Contributed to the development of Light4J, an open source cloud-native micro service framework.

Engineering Manager, Toronto-Dominion Bank — 2016-2017

- Responsible for managing a cross-functional team of software developers, designers and quality assurance to deliver a omni-channel framework.

- Established day to day management of OCA (OmniChannel Architecture) team as it was adopted by internal stakeholders.

- Managed a budget of 5 million dollars to drive re-usability, scalability and common software practices across TD Bank.

Solutions Architect, Toronto-Dominion Bank — 2014-2016

- Designed and developed a secure architecture framework that enabled the adoption of Node.JS for APIs.

- Migrated JBoss services to NodeJS.

- Spearheaded the adoption of Single Page Applications for banking applications.

- Developed a starter-kit using Angular and Node.JS which was adopted by TD Bank WebBroker.

Questrade, Front-End Engineer — 2013-2014

- Developed and implemented new features in IQ Essential, IQ Mobile and PortfolioIQ leveraging AngularJS and .NET.

- Designed and developed RESTful APIs using NodeJS and Express.

- Followed unit testing development methodology using Jasmine and Protractor.

EDUCATION

- Sheridan College, Interactive Multimedia, PostGraduate Diploma - 2012

- Sheridan College, Media Arts/Computer Programming, Advanced Diploma - 2007

- Sheridan College , Advertising, Diploma - 2005

TECHNICAL SKILLS

- Data modeling: ER modeling, UML modeling, dimensional modeling, and database normalization.

- Security: Familiar with secure base practices for website, mobile applications, APIs and databases.

- Data processing: Dataflow, Kafka and event sourcing.

- Data warehousing: ETL, OLAP, and data integration.

- Programming languages: JavaScript, Java, Python, SQL, R and C#.

- Database management systems: Oracle, MySQL, MongoDB, and PostgreSQL.

- Cloud technologies: AWS, Azure, and Google Cloud.

- Software development methodologies: Agile, Waterfall, DevOps, FinOps and ArchDevOps.

CERTIFICATION

- Data Science Certification, University of Toronto

- Cloud & DevOps, Professional Education, Massachusetts Institute of Technology.

- Professional Cloud Architect, Google Cloud Platform