

Abinand Sivakumar

Business Analyst | Technical Writer | Software Engineer

Montréal, QC

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SUMMARY

11+ years of software development and consulting experience in web applications for ecommerce, fintech, digital marketing, payments, 3D graphics, virtual and augmented reality, and analytics.

Work authorization: Canadian Permanent Resident.

WORK EXPERIENCE

Gorilla Group, Montréal — **Senior Business Solutions Analyst** — AUG 2021 - SEP 2022

Collected and translated business requirements into agile user stories and maintained backlog for payment integration, marketing automation, content localization and ERP integration features for a chemical distributor's Magento B2B ecommerce website.

Conducted training sessions, presented technical demos and created business user manuals for a multi-region, customized implementation of a Hybris B2B ecommerce website.

Organized solution discovery workshops and documented functional, non-functional, and API requirements specifications for a Magento B2C ecommerce website for hose assemblies.

MindGeek, Montréal — **Technical Business Analyst** — JAN 2021 - AUG 2021

Documented and presented technical solution designs for fraud detection, compliance on GDPR, PCI-DSS, PSD2/SCA, and integrating payment providers for credit cards, ACH, SEPA and cryptocurrency on the internal payment gateway used by multiple business units.

Documented business process and domain architecture used as a reference by multiple technical teams for migrating legacy implementation to a (GCP) cloud platform.

MindGeek, Montréal — **Software Engineer** — OCT 2019 - DEC 2020

Developed backend third-party integrations with payment providers and built custom routing logic for unified payment gateway interface.

Designed feature development procedures containing Swagger API specifications, integration flowcharts in BPMN and UML, execution plans, system test plans and release schedules.

Mylo Financial Technologies (Moka), Montréal — **Backend Developer** — APR 2019 – JUL 2019

Node JS development on analytics and security features for personal finance management app.

MindGeek, Montréal — **Web Developer** — APR 2018 – APR 2019

Frontend developer and release manager for 18 websites involving CMS features, marketing promotions, and affiliate tracking functionality built with JQuery/CSS.

Internally hired to another business unit as a PHP/MySQL backend developer for features, maintenance and deployment monitoring of high traffic websites.

PwC, Montréal – Contract Software Developer— JAN 2018 – MAR 2018

.Net and MS SQL developer for an audit information system and user interface enhancements.

Optimized C# jobs for bulk processing lead sheets with a 73% reduction in execution time.

Lister Technologies (Bounteous), India– ECommerce Technology Specialist JUN 2016 – NOV 2017

Technology lead and pre-sales solutions consultant for ecommerce, digital marketing, CRM and ERP systems integrations, on C# .Net and Microsoft based technologies.

Mentored team on functional programming and achieved 80% coverage on unit tests.

Redesigned legacy .Net web forms app into a single page architecture with jQuery/ REST.

Self-Employed, India –Freelance Graphics Programmer – MAY 2015 – JUN 2016

Developed augmented reality gym equipment training demo app using Unity 3D and Vuforia.

Built interactive virtual reality app on Google Cardboard in Unity, collaborating with 3D artists, to showcase building layouts and home interiors in marketing campaigns for a real-estate client.

Developed a 3D graphics web frontend with WebGL, three.js for simulating sunlight exposure on roof-tops using telemetry data and Maps API, driving client's sales for solar panel installations.

Lister Technologies (Bounteous), India– Sr. Software Engineer JUL 2012– MAY 2015

Full-stack ecommerce developer building integrations with SaaS platforms (Zendesk, Salesforce, Dynamics CRM) and UI widgets using jQuery/CSS, C# .Net, and SQL.

GlobalScholar, India– Performance Engineer —JUN 2011–JUL 2012

Website performance testing, analysis, reports and dashboard creation with C# and MS SQL.

EDUCATION

Graduate Certificate in Quantitative Business Studies

John Molson School of Business, Concordia University

Montréal, Canada

2020 - 2022

CGPA 3.98 on 4.30

Bachelor's Degree in Computer Science and Engineering

SSN College of Engineering, Anna University

Chennai, India

2007 - 2011

First Class with Distinction (77%)