

Abinand Sivakumar

Technical Analyst / Software Engineer

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SUMMARY

11+ years of programming and consulting experience in web applications for digital media, marketing, fintech, and e-commerce and motivated to evangelize enterprise 3D graphics, VR and AR.

Work authorization: Canadian Permanent Resident.

WORK EXPERIENCE

Career Change — **Real-time Graphics Programmer** — OCT 2022 - Present

Refresh and strengthen foundational programming skills and build portfolio projects in Unity 3D.

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

Translated business requirements into technical user stories for payment integration, marketing automation, and content localization for a chemical distributor's B2B e-commerce website.

Conducted training sessions and created user manuals for business users on product launch.

Organized discovery workshops and documented functional and API specifications to build MVP of a Magento B2C e-commerce website for sale of machine parts and hose assemblies.

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

Presented technical solutions to internal clients for fraud detection, legal compliance, and integrations on the payment gateway used by multiple business units in the company.

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

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

Developed integrations with multiple payment providers for unified payment gateway interface.

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

Mylo Financial Technologies (Moka), Montréal — **Backend Developer** — APR 2018 – APR 2019

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

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

Frontend development and release management for 18 websites in jQuery/CSS for CMS features, promotions, and affiliate tracking.

Backend development, maintenance, and deployment of high traffic websites in PHP/MySQL.

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

C# .Net and MS SQL development for performance optimization of reports for an audit information system and user interface enhancements.

Lister Technologies (Bounteous), India – E-Commerce Technology Specialist 2016 – 2017

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

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

Self-taught 3D graphics fundamentals to start a career in real-time graphics programming.

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

Built interactive virtual reality app for Google Cardboard in Unity in collaboration with 3D artists to showcase real-estate models and home interiors for marketing campaigns, landing the first client for [XR Labs](#) when it was a startup.

Developed a 3D graphics web frontend with WebGL/three.js for simulating sunlight exposure using telemetry and geographical data, that was used to optimize sales of roof-top solar panel installations for a client of [Bahwan Cybertek](#).

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

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

GlobalScholar, India – Performance QA Engineer – 2011–2012

Built tooling and scripts for performance testing, analysis reporting using dashboards with C# ASP.Net 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 4.3 scale*

Bachelor's Degree in Computer Science and Engineering

*SSN College of Engineering, Anna University
Chennai, India
2007 - 2011
First Class with Distinction*