KHOI VU

Software Developer
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EDUCATION

Computer Programming and Analysis (CPA), *Seneca College, ON, CA. GPA 4.0.*	Sep 2021 – Jan 2023
CFA Program participant, *CFA Institute*. Completed Level 1	Feb 2021
Master of Business Administration (MBA), *University of Illinois at Urbana Champaign, IL, US*	Aug 2011 – May 2013
Bachelor of Science (BS), Marketing and Finance, *SUNY Brockport, NY, US*	Aug 2007 – May 2011

SKILLS (Rating: 3 – Confident, 2 – Acceptable, 1 – Novice)

Languages	C^3, $C++^3$, $C\#^1$, JavaScript^3, Typescript^3, Python^3, Java^1, PHP^1, HTML^2, CSS^2, Twig^1
Frameworks	React^3, Node.js^2, .NET^1, Vue.js^2, Bootstrap^3, Vuetify^3, Tailwind^2, Playwright^3, Vitest^2
Web App	Rest API^3, ExpressJS^1, Handlebars^1, Heroku^2, Cyclic^2, Replit^2
Database	MS SQL Server^2, MySQL^2, MongoDB^2, Postgre^2, NoSQL^2
Tools	Git^3, GitHub^3, Visual Studio^3, VS Code^3, Beyond Compare^2, SQL Developer^2, MS Office^3
Operating System	Windows^3, Mac^1, Linux/Unix^1

PROJECTS

Personal Portfolio
Portfolio Web GitHub A portfolio done with React and Bootstrap.
Website App Web GitHub A client – server site using MongoDB to store user's info and performs user auth.
CPP Project GitHub A program that mimics an assembly line to process orders and items.
Mongo App GitHub A simple C++ program to access an Oracle database and query, edit, and remove records.

EXPERIENCE

RBC, Full-Stack Developer, *Toronto, ON, CA* — Jan 2023 – present
- Full-stack development in a team of **7** collaborative developers, managing a portfolio of **15+** internal Web Apps
- **Two-time Champion** of RBC BattleSnake Coding Competition ranked **11th** Global, **3rd** Canada, using Python and personal gaming strategies; beat teams with Reinforcement Learning, Minimax, Chess Engines from UofT, Waterloo
- Followed agile model, weekly stand-ups, monthly sprints to maintain and develop internal Web Applications, APIs, DB using MVC, Typescript, Node.js, Vue, PHP, Twig, and MS SQL Server, **160+** GitHub contributions from Jan-July '23
- Authored 8**0+** automated tests (UI, Volume) and unit tests, presented at the EUS Department's Knowledge Sharing

BLYTH ACADEMY, Manager of the Registrar and Financial Analyst, *Toronto, ON, CA* — Sep 2019 – Nov 2021
- Collaborated and conducted continuous process improvement for registration, invoices, payments, and collections
- Prepared revenue and KPIs reports and analysis using QuickBooks, Elavon, Moneris, Excel, and Admin Portal

ATB FINANCIAL, Universal Queue Banker, *Calgary, AB, CA* — Nov 2018 – Jul 2019
- Solved Sales and Services Inquiries, including Personal Banking, Online Banking, Mastercard, and Credit Requests
- Efficiently mastered the targeted time by **20** percent, highest customer satisfaction in the Services team at **4.64**

ERICSSON VIETNAM & MYANMAR, Project Finance Manager, Hanoi, VN & Yangon, MM — Jul 2014 – Jul 2018
- Governed Key Account Mobifone, **15+** complex service projects, and Vietnammobile Managed Services
- Set up and maintained projects in SAP systems (MUS/ONE) based on contract and scope, prepared and reviewed Customer Project List (CPL), Ericsson's tool for project financials, using Ericsson Business Warehouse (EBW) data
- Supported CPM/KAM/AOM in ad-hoc analysis, Balance Sheet items review, and financial report and forecast
- Built scalable financial processes, designed and published the well-received Financial Handbook for PMs

BEACON FUNDING CORPORATION, Project Management Associate, Northbrook, IL, US — Jun 2013 – Sep 2013
- Managed 10+ projects in IT (Web Design, Mobile App, etc.), Finance, and Sales for 10+ developers and employees
- Translated requirements into actionable items and functional specifications, proactively motivated employees, achieving a **67** percent increase in created priority tasks and an **82** percent increase in tasks completed on-time

VOLUNTEER/OTHER

CHURCH OF THE TRUE LIGHT, *Guitarist*, Hanoi, VN	Aug 2016 – Jul 2018
ILLINOIS BUSINESS CONSULTING, *Consultant*, Champaign, IL, US	Sep 2011 – May 2012