

BHAVYAI GUPTA

Software Engineer

A master's student studying software engineering at UCalgary, having prior IT experience in the banking sector

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EDUCATION

MEng in Software Engineering

University of Calgary

05/2021 - Present

Calgary, AB, Canada

BTech in Electronics and Communication Engineering

Delhi Technological University

08/2012 - 05/2016

Delhi, India

WORK EXPERIENCE

Consultant

Luxoft (a DXC Technology company)

10/2018 - 12/2019

Singapore

- Responsible for complete technical build of Market Risk in MX.3 via ANT scripts
- Designed the EOD flow as per Control-M requirements
- Developed bash scripts and SQL procedures for streamlining the EOD process
- Liaised with Front Office team and sorted out functional issues in SIT1 and SIT2

Associate Consultant

LiquidHub (now part of Capgemini)

08/2017 - 08/2018

Singapore

- Responsible for technical build of Market Risk in MX.3 for clients and their international entities
- Responsible for creation and timely delivery of injection documents
- Developed SQL scripts to reconcile market risk data reports to save manual efforts
- Handled support cases during SIT and UAT cycles and change requests after the go-live

Associate Consultant

LiquidHub (now part of Capgemini)

06/2016 - 08/2017

Gurgaon, India

- Responsible for market risk scenario generation, application, and VaR computation in MX.3
- Designed and configured various counterparty credit risks in the MX.3 Limit Controller
- Responsible for creation of securities in MX.3
- Prepared detailed build and injection documents for the configurations

SKILLS

Java

SpringBoot

Hibernate

MySQL

Git

Maven

Linux

JavaScript

React

Python

PROJECTS

Veterinary Clinic Application

- A full stack web application for managing a veterinary clinic, developed using SpringBoot and React
- Part of a course requirement in University of Calgary
- Features include managing animals, users like Admin, Teachers, Technicians, Students, and their access rights

Tranquil Backup Manager

- A tool for backing up data
- Makes full or differential backups to and from physically connected disk drives or partitions
- Features include configuration of directories that should be excluded from the backup process

Tic Tac Toe

- A client-server based multi-threaded Tic Tac Toe game
- Part of a course requirement in University of Calgary
- Features include support of multiple users using threadpools and communication using sockets

Power Dict

- An english vocabulary builder written in Java
- Fetches definitions from Wordnik REST api
- Features include caching of history for faster subsequent access

Movie Ticket Reservation

- A full stack swing application for booking movie tickets
- Part of a course requirement in University of Calgary
- Features include buying and cancellation of tickets with email alerts

ACHIEVEMENTS

Rank 2 in HYL Summer Hackathon 2021

Designed an app to calculate profit per hour of each mining rig and the time required to get the specified amount of Bitcoins

Problem-Solving by HackerRank (09/2020)

Awarded after successfully passing online proctored test on basic algorithms

Java Programming by HackerRank (08/2020)

Awarded after successfully passing online proctored test on java programming

Team Excellence Award by LiquidHub (07/2017)

Awarded for exhibiting excellence in service delivery during the project go-live