BHAVYAI GUPTA

Software Engineer

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An aspiring software engineer, finishing my master's degree in April 2022 from the University of Calgary. Diligent, attentive to details, and having strong skills in programming. Had more than 3 years of IT experience in the banking sector.

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` `React` `MongoDB` `Git`
`MySQL` `JPA` `Linux` `JavaScript` `Python`

PROJECTS

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

Tranquil Backup Manager 🔗
- A tool written 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 MVC 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