

BHAVYAI GUPTA

Software Developer

Recent Software Engineering graduate from the University of Calgary. Diligent, attentive to details, and having strong skills in programming.

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EDUCATION

MEng in Software Engineering

University of Calgary

05/2021 - 04/2022

Calgary, AB

BTech in Electronics and Communication Engineering

Delhi Technological University

08/2012 - 08/2016

Delhi, India

WORK EXPERIENCE

Software Developer

Useful Corporation

04/2022 - Present

Calgary, AB

- Analyzed exposing existing services as a GraphQL API, and coordinated with Red Hat Quarkus Team for bugs and limitations in SmallRye's GraphQL implementation
- Successfully worked on Jira issues related to fixing bugs and introducing new functionalities in the system in both backend (Quarkus) and frontend (React)

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
- 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
- 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
- Prepared detailed build and injection documents for the configurations

SKILLS

Java

Spring Boot

JavaScript

React

Git

Quarkus

MySQL

Hibernate

JPA

JUnit

Linux

Python

NumPy

Pandas

UML

PROJECTS

BudLib

- A full stack web application made for Calgary Waldorf School to manage their library, developed using Spring Boot, React, and MySQL
- Developed the complete REST API and major parts of the React build, including CRUD of books, loaner, and transactions
- Designed UML diagrams for API, ER model for database, and wireframes of the web interface

IntelliRN

- A full stack web application made for Registered Nurses to help them post articles and surveys to help the general public
- Developed the complete REST API using Spring Boot and MySQL, and created base used by all React components
- Received 2nd prize out of 11 participant teams in the competition

Veterinary Clinic Application

- A full stack web application for managing a veterinary clinic, developed using Spring Boot, React, and MySQL
- Followed agile methodology using Jira during the project design and development phase
- Developed the complete REST API build and coordinated with frontend developer for API consumption

Movie Ticket Reservation

- A full stack MVC swing application for booking movie tickets
- Programmed models and controllers related to Payment, Coupons, RegisteredUsers, BillingSystem, and Emails
- Designed state transition, system interaction, and UML diagrams

Tranquil Backup Manager

- A tool for backing up data, that makes full or differential backups to and from physically connected disk drives or partitions
- Programmed the app for personal use, and then made it open source

CERTIFICATES

HackerRank Verified Skill Certificates (01/2022)

Awarded after successfully passing online tests for Problem Solving, Java, JavaScript, and SQL

Rank 2 in HYL Summer Hackathon 2021 (07/2021)

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

Team Excellence Award by LiquidHub (07/2017)

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