

KUSH BANBAH

SOFTWARE DEVELOPER

AWS Certified software developer with 3 years of experience in multiple programming languages and frameworks. Worked on large projects in a team and solo. Used to adapting to diverse environments and working with other teams across countries and cultures to get results. Enjoy problem-solving, coding, self-learning and doing home projects.

CONTACT

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<https://kush-banbah-portfolio.netlify.app/>

SKILLS

- Java/Spring
- C#/.NET
- AWS/Cloud (**AWS Certified Developer**)
- SQL/Unix
- JavaScript (Node, NextJS, React)
- Communication and planning
- System design
- Error investigation and remediation

EDUCATION

City University of Hong Kong
SEP 2019-MAY 2023

Bachelor of Computer Science

Courses taken: AI, ML, DBMS, Algorithm Design and analysis, Operating Systems, Data Science, Networking, Software Design and Computational Probabilities.

LANGUAGES

- English: Fluent
- Hindi (Spoken): Fluent

INTERESTS/AWARDS

- 3rd CityU Hackathon (Teams), Finalist of AWS Business Innovation Competition
- Volunteered in Tech for Teaching in the Philippines for 4 years
- Enjoy boardgames, hiking, violin

WORK EXPERIENCE

Societe Generale

NOV 2023 - PRESENT

Front Office Software Developer - Contractor (from FDM)

- Full-Stack Software Engineer specializing in Backend - Java and C#, and DevOps
- Primarily worked on new projects and features individually and with a team. Collaborated directly with PMs and clients on projects globally
- Contributed to two large microservice ecosystems (100+ devs) across multiple programming languages.
- Trained and led junior developers through code reviews, design best practices.
- Investigated and solved production L3 incidents across multiple applications
- Migrated an app to cloud, established CICD, failovers, and security.
- Designed and implemented improvements across applications for global users.

FDM

JUL 2023- PRESENT

Software Developer Consultant

- Underwent technical and professional training and placed at client

HSBC

JULY 2021-MARCH 2022

Wholesale Digital Technology Intern

- Collaborated with IT L2 support team to write automation scripts in Python and Java for daily workflows.
- Created a Python automation to ping teams, update statistics, and assemble a report saving a daily 25-30 mins.
- Coded an integrated python and java application to streamline creating incident reports using user feedback
- Developed a python automation script to shorten monthly hour long excel work and reports to few seconds
- Utilized Java multi-threading logic to parse 100MB or bigger files into smaller ones for more efficient record storage

PROJECT EXPERIENCE

City University of Hong Kong: Final Year Project

OCT 2022 - APR 2023

Initiated, proposed, designed and built a tested real-time VR Classroom project with integration with Learning Management System (LMS)

- Analyzed online learning market, then designed and built entire system architecture design to target market gap
- Developed online infrastructure with Spring and Node API using Firebase and JS front-end for the LMS system
- Created a VR Application with C++ and Unreal Engine to manage OS level for web requests and file storage
- Performed stress, QA, unit and accessibility and system testing with JMeter, Spring testing, Chai (Node) and Google lighthouse
- Stress tested and optimized APIs to have turn around time of image requests within 100ms with hundreds of users simultaneously
- Developed a unique and time-performant method of displaying and annotating pdfs uploaded to LMS front-end in VR classroom with C++ memory manipulation
- Recruited and managed a small team with specific roles designed for the project and managed interpersonal issues.