Bharat Arora

Technology analyst
Goldman Sachs

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Education

BITS Pilani Goa Campus

M.Sc. (Hons) Economics and B.E. (Hons) Computer Science

2014-2019   *8 CGPA*

Vidya Mandir Public School, Faridabad

Class XII – CBSE

2012-2014   *89.6%*

Skills and Abilities

Languages & Frameworks

Java , C++, Javascript, Spring, Angular

Build tools

Maven, Gradle

Databases

MYSQL, MongoDB

Other tools and technologies

Git, Docker, Nodejs, Kafka

Design Philosophies

REST API, OOP, TDD

Projects

Energy Estimation of Nvidia GPU

Micro-benchmarked the native instructions of Nvidia K20 GPU and using the dataset implemented statistical model to estimate the power consumption of a CUDA program in Java.

Achievements

Acceptance of conference paper titled "Microbenchmarking Tesla K20 GPU for estimating execution time of a CUDA program" , in HiPC 2017 India

Interests

Running, Playing Piano

Work Experience

Goldman Sachs, Bangalore   July 2019 - Present

Technology Analyst

- End to End ownership of approval flow pod in integration of reimbursement SaaS product CONCUR.
- Uplifted existing approval flow application including feature addition, improving design and upgradation of deprecated components.
- Reduced boot time of application from 2 hours to 10 minutes
- Modified the workflow design from a centrally managed to self-service flow cutting down execution time by 50%
- Built a processing adapter using spring batch for users not having native integration with SAP.
- Owned the posting engine tool which would post the expense to various General ledger accounts once expense reports are approved.
- Implemented FIX trading workflows on new low latency system assisting mass migration to new tech stack, reducing the trade execution time.

Samsung R&D, Bangalore   Jan 2019 - June 2019

Student trainee

- Developed an application which enables users to monitor and control the IoT enabled doors remotely using the Samsung SmartThings apps.
- Designed the end-to-end application with unit test coverage of >80% using angularjs, expressJs , mocha, mongoose on Nodejs.

Goldman Sachs, Bangalore   May 2018 - July 2018

Summer Intern

- Developed a full-stack self-service application for employees to add/modify the bank details for payroll and reimbursement.
- Application dynamically served users based on the location and other context information.

CEERI, Pilani   May 2015 - July 2015

Summer Intern

- Developed a prototype of an Android application for testing the quality of tomatoes using image processing using K-means clustering and canny edge detection algorithms from OpenCV.