

# DIVYA KAMPASI

## Software Engineer at HSBC

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## EXPERIENCE

### Software Engineer - HSBC

#### Global Banking Markets

📅 October 2018 – Present 📍 Pune, India

- Developed a **RESTful web-application in Angular, Material UI, Flask Framework and Oracle** as database server. The web application is fully responsive and supports **CRUD** operations.
- Developing application using Falcon Framework(in-house) that comprises **ReactJs** and **Scala** used in the frontend and **Java Spring Boot Microservice** in the backend.
- Increased build frequency by **40%** by setting up a CI/CD pipeline (Jenkins) for code delivery.
- **Log Parser** – Created a **JAVA** based utility using the **SAX parser** which scans through the large log files having multiple trades and searches for a given Control Event Id to display the trade corresponding to that Control Event Id.
- Created a **Java** based utility which implements **Solace Pub-Sub** for sending a high number of trade messages using Java Solace API that persists messages to the queue/topic endpoints to be consumed by subscribed clients.
- Built ETL pipelines using **Clover** ETL tool to analyze multiple source systems and based on business requirements build the transformation rules to extract, transform and load the data in the target systems.
- Support other ETL developers; providing mentoring, technical assistance, troubleshooting and alternative development solutions.

### Software Engineer Trainee - HSBC

#### Technology and Learning Academy

📅 July 2018 – October 2018 📍 Pune, India

- Extensive hands-on training given on various technologies that are used across HSBC.

## ACHIEVEMENTS

- **Won Hackathon** (1st runners up) – Created Incident Assistance Application that supports better Production Incident Management
- Received **Pat on the back** award at HSBC for timely delivery of project and solving customer issues promptly.
- Successfully organized coding event named **"DaVinci Code"** which tests all aspects of a good programmer.
- Served as the **Captain** of Basketball team of GTBIT (2017-2018).
- Honored by the rank of **Head Girl** in school given to few meritorious students who have splendid results overall.

## CERTIFICATIONS

- Spring Framework Master Class - **Udemy**
- The Complete Javascript Course - **Udemy**
- Git Complete – The Definitive Step-by-Step Guide - **Udemy**

## EDUCATION

B.Tech. (CSE) - 3.75/4 GPA

### Guru Gobind Singh Indraprastha University

📅 2014 – 2018

**Relevant Coursework:** Data Structures and Algorithms, Computer Architecture, Operating Systems, Compiler, DBMS, Computer Networks, Object Oriented Programming

## PROJECTS

### Text Categorization with Machine Learning

- This project is based on automatically sorting a set of documents into categories using a predefined set.
- The resources of structured and semi-structured information can include the World Wide Web, government electronic repositories, news articles, biological databases or chat rooms.

### Application Controlled Solar Tracking

- Internet of Things based project which uses renewable energy of the sun to convert it into electrical energy which can be later used to power various devices.
- The application controls the intensity with which the energy is used to power the electronic devices.

### Chat Server

- The project employs the use of Socket programming for communication between various clients and the server in an organization using signing in to send messages.

## TECHNICAL SKILLS

- **Programming Languages:** JAVA, Python, Bash Scripting
- **Web:** HTML, CSS, JavaScript, Angular, React, Flask
- **Operating Systems:** LINUX, WINDOWS.
- **Tools:** Github, Confluence, Jira, Jenkins, Putty, IntelliJ, STS, Eclipse, Jupyter Notebook, VS-Code, Clover, MySQL
- **Others:** Java Spring Framework, Familiar with NumPy, Pandas, Matplotlib, Oracle

## PERSONAL SKILLS

- Having Leadership Qualities.
- Ability to work under pressure.
- Willingness to innovate.
- Highly driven and results-oriented.