

## EDUCATION

**Indiana University**, Bloomington, IN  
Master of Science in Computer Science

May 2017  
GPA 3.76 / 4

**Visvesvaraya Technological University**, Bangalore, India  
Bachelor of Engineering in Computer Science

May 2011  
GPA 3.4 / 4

## WORK EXPERIENCE

**PromonTech LLC**, Denver, USA  
Software Developer Intern

July 2016 – Present

- Designed and built a cloud based solution to populate data into different data stores in CQRS based architecture.
- Built a command line enabled Spring service to synchronize database with online data present in Google drive.
- Designed and implemented reference architecture which can be followed for any Type II table changes.
- Configured and deployed different Java based applications on AWS EC2 server.

**Mphasis an HP company**, Bangalore, India  
Client – Royal Bank of Scotland and State Bank of Mauritius  
Software Developer

July 2011 – July 2015

- Developed various Java based modules to process transactions in payment system and solution.
- Worked on SQL to optimize code to make State Bank of Mauritius's database more efficient which gets more than two million transaction hits every day.
- Built an automation tool which obviated manual intervention to carry out daily operation for banks users and reduced the task duration by 90%.

## ACADEMIC PROJECTS

- **Builder:** Built a Java based web application to carry out Git operation using REST API exposed by GitHub.
- **Social Network:** Created a social networking web application based on Spring MVC pattern within 15 days.
- **Game Maker:** Designed and developed a Java application to allow users to make any game with functionality added by them dynamically and options to play, pause, undo, replay, save the game and load the previously saved game.
- **PageRank:** Developed MapReduce application in Hadoop to implement PageRank algorithm with 5000 Urls.
- **OS Command:** Created multiple shell commands on XINU operating system in C and implemented it on Beagle board to support functionality such as internal message passing and synchronization among multiple process.
- **Sub-DAG:** Built an application implementing dynamic programming to help Bioinformatics researchers find number of consistent sub-directed graph of any given DAG (Directed Acyclic Graph).
- **GateWhere:** Worked as Full Stack developer to build a forum based web application using MEAN Stack to explore US universities details and interact with students across the world.

## TECHNICAL SKILLS

- **Languages and Frameworks:** Core Java, J2EE, SQL, C, C++, ExpressJs, Spring MVC, Axon, Spring Boot
- **Web development :** AngularJS ,JSP,AJAX, JQuery, HTML/XHTML, CSS, JavaScript, REST API
- **Distributed Computing:** MapReduce, Hadoop Jobs.
- **Database and Servers:** MYSQL, DB2, PostgreSQL, MongoDB, Apache Tomcat, NodeJs
- **Operating System:** Linux, Unix, Windows, Mac OS
- **Miscellaneous :** Junit, Mockito, Eclipse, STS, Maven, MEAN Stack, Toad, Git, Postman, Jira , Confluence, GitHub, AWS EC2, Spring data JPA , Hibernate, Heroku.

## INDUSTRY CERTIFICATION

- Oracle Certified Professional, Java SE 6 Programmer (SCJP/OCPJP)

## RELEVANT COURSES

- Object Oriented Software Development, Object Oriented Software Management, Software Engineering.
- Algorithm and data structures, Advanced Database Concept, Advanced Operating System and Cloud Computing and Information Architecture for the Web.