

- Software Engineer with extensive experience in software design and development and Agile Methodologies
- Experience of using different source control systems like SVN, Git and Bitbucket.
- Proficient in Data Structures, Object Oriented Concepts, Cloud Technologies, Mobile Dev, Windows & Linux Server environments

TECHNICAL SKILLS

Java | JavaScript | Python | Node.js | React | MySQL | PostgreSQL | DB2 | Android Studio | Wireshark | Android Profiler | Unix | Mac | Git/GitHub | HTML5 | CSS3 | MVC | REST API | Node.js | Nginx | AWS | IBM Cloud

WORK EXPERIENCE

Software Engineer, VentureSoft Global Inc, Pleasanton, CA

Sep 2019 – Present

- Designed and developed an android application that helps with professors with grading for university courses using adaptive learning based on the principles of neuroscience, cognitive science and machine learning. **Android, Java, AWS EC2, Node.js, Docker**
- Designed the overall architecture of the application using **MVVM** design pattern and developed using latest features of **Android** and **Kotlin**
- Migrated the front end of a legacy application by refactoring the codebase and thereby simplifying an overly complex user interface while preserving all functionality. **React.js, Service Workers, React Hooks**

Software Engineer, Dandilyonn, San Jose, CA

Jun 2019 – Aug 2019

- Designed and developed Android application to track a user's eco-friendly behavior and calculate the carbon footprint with Android features like Push Notifications, Async Adapters and Recycler view using base adapters. **Android, GCP, Firebase**
- Designed the database schema and deployed on Google Cloud which served as the main database for the Android Application
- Integrated popular analytics framework to visualize the carbon footprint data to enhance user engagement thereby improving the overall user experience (UI/UX)
- Mentor and teach undergrads about Android and Unity which helped them successfully develop a cross platform mobile application

Software Engineer, IBM India Software Labs, Bangalore

Aug 2015 – Apr 2018

- Developed a backend microservice for the IBM cloud to create and integrate the MySQL database into a user's mobile application. **JavaScript, Node.js, React.js, IBM Cloud, Docker, Kubernetes**
- Developed a Hybrid **Cordova** application for integration testing and validation of dependencies between the Android/iOS version updates and their compatibility with IBM Mobile SDKs. **JavaScript, Java**
- Implemented an SMS Gateway for IBM's MobileFirst SDK that supported Unified Push Notifications for iOS ecosystem. **Objective C, Java**
- Designed and developed a security framework that implemented the OAuth protocol to generate tokens on a resource server on IBM Cloud
- Implemented a backend microservice which handles REST API requests for the security-based requests on IBM cloud including token generation and access, reports for security events and redirect/blocks unauthorized access based on signals
- Built the IBMs migration tool to help native users to migrate on-premise applications to IBM Cloud. **Java, IBM WebSphere, Kubernetes**

Software Developer, Hewlett Packard, Bangalore

Nov 2014 - July 2015

- Develop web apps using **Java, SQL** and **HTML**, write unit tests, version control, code reviews and code deployment on cloud
- Improved the efficiency of the data management and analytics tool by 25% using AWS autoscaling backend for Telstra project
- Involved in production support team for handling User Interface defects and generating form result periodically
- Developed a chrome extension to help under-privileged children work with phonetic signs & improve their communication online. **JavaScript**

EDUCATION

Master's in Computer Science.	International Technological University, San Jose, CA	April 2020
Master's in Software System	Birla Institute of Technology, Pilani, India	Dec 2017
Bachelor of Engineering	Visvesvaraya Technological University, Karnataka, India	July 2014

Course work: Software Engineering, Database Systems, Software Architectures, Distributed Systems, Data Structures and Algorithms

AWARDS

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| • Microsoft Student Partner & Google Student Ambassador. | Winning team at various Fintech Hackathons |
| • Grace Hopper Celebration Scholarship | Chrome app Challenge top 5 winner |
| • Google Anita Bord Scholarship | IBM Manager Choice Award [2017] |