

# Heramb Uttarwar

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## SUMMARY

Dedicated Software Engineer with over 2 years of experience in application development, both technically focused and customer oriented. I am looking for a career that is both challenging and has rewards.

## EDUCATION

**Illinois Institute of Technology, Chicago, IL. (GPA: 3.4)-** Master's in Computer Science

Aug 2017 - May 2019

**University of Pune, India. (GPA: 4.0)-** Bachelor of Engineering in Electronics & Telecommunication

June 2011 - June 2015

## PROFESSIONAL SKILLS

- **Programming:** - Java, Spring, Python, SQL, R, C, C#, C++, HTML5, CSS, JavaScript, Oracle, JSP, Servlets, MongoDB, Angular JS, J-Query, Bootstrap, Hibernate.
- **Systems and Software:** - AWS, GCP, Apache Tomcat, Spring MVC, Docker, Hadoop, Spark, Windows, Linux, Selenium, GIT, Android Studio, Eclipse, HP-QTP, HP-ALM, NetBeans, IntelliJ, Autosys, R studio, Visual Studio.

## PROFESSIONAL EXPERIENCE

**Tata Consultancy Services, Cleveland, OH, US.**

Jul 2019 - Present

Job Title: - Software Engineer

- Involved in designing **Spring MVC** application and **Hibernate** to design module structure.
- Developed Data layer using Hibernate framework, configured XML mapping files, wrote POJO classes and PL/SQL stored procedures. Responsible to create **DAO CRUD** methods using Hibernate & Spring framework.
- Configured **DispatcherServlet** and **ViewResolver** to intercept incoming requests, manage Spring MVC flow.
- Used **Maven** to add dependencies required for the project. Worked on **JUnit** for unit testing of the application.
- Used Spring Boot at backend which helps to develop application with ease. Used **Tomcat** server for deployment. Used **GIT** for version control and Eclipse IDE for development. Used **JIRA** to handle software development issues.

**Microsensor Labs, Chicago, IL, US.**

Jul 2018 - Aug 2018

Job Title: - Software Engineer Intern

- Software deployment with Agile, Lean and Continuous Delivery approaches such as Continuous Integration, TDD.
- Developed an Android application which consists of Bluetooth Low Energy devices control module & upload data (IoT).
- Created a sound detection module which is interfaced in the application using Audio Signal Processing in **JAVA**.
- Co-ordinated with Web-Development team for deployment of website built using **DJANGO REST** on **AWS**.

**Vodafone Shared Services India.**

June 2016 – July 2017

Job Title: - Senior Executive - Application Operations

- Recognition for implementing '**Heartbeat**', which is a further upgrade to the cloud-based web monitoring application developed by HP in **Java, C** with software development life cycle (SDLC) which later reduced the risk of monetary loss.
- Developed **Unix** shell scripts to improvise various internal processes and mainly applications in billing and monitoring.

**L & T InfoTech, India.**

Jan 2016 - Apr 2016

Job Title: - Graduate Engineer Trainee

- Completed international courses, "**ISTQB**" & "**CP-BAT**" which provided insights of manual and automation testing.
- Created automation scripts in **selenium** for testing web applications like online banking websites.
- Developed and tested "**Flight ticket reservation**" application with agile methodology using **JAVA** and **HP-QTP**.

## PROJECTS

**Doctor on Demand (Enterprise Web Application)-** Illinois Tech, Chicago.

- Developed a website for booking appointments regarding medical concerns like Physical, Dental and Eyecare.
- Extended the website with features like Reviews, Payment, Trending, Product Recommendations, Deal Matches, Interface of Google Maps API, managerial features like charts for analysis, Updating and reviewing the appointment.
- Data regarding Appointments, Patient, Payment and Reviews is maintained on NOSQL, MySQL and MongoDB.

**Android Projects (Mobile Application Development)-** Illinois Tech, Chicago.

- Designed and developed Android apps - Converters, Multi-notes, Stocks, Know your Government and News Gateway.

**Benchmarking the State-of-the-Art Open source IR libraries (Data Intensive Computing)-** Illinois Tech, Chicago.

- Implemented **Lucene**, **Lucene++** and **Terrier 5.0** with a dedicated configuration in local machine and on remote instance at chameleoncloud.org. Also, we have implemented the Hadoop version of Terrier to compare with Elasticsearch using **AWS Elastic MapReduce** and **AWS Elasticsearch**.

**E-Syllabi (Android Application)-** Co-Curricular

- Students of Pune University can access syllabus, question papers and results with ease due to application interface.
- Recorded 3000+ downloads on [Google Play store](#). Built on Android studio and the database is maintained with **MySQL**.