

Harshal Jaiswal

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Education

Master of Science in Information Systems

Northeastern University, Boston, USA

Expected April 2023

Courses: Application Engineering Development, Programming Structure & Algorithms.

Bachelor of Engineering, Computer Science

RTM Nagpur University, Nagpur, India

July 2015 - May 2019

Technical Skills

Programming Languages:	C, Java, Python, SQL, JavaScript
Database:	MySQL, Postgres-SQL, Firebase
Technologies:	Android, React, Redux, Flutter, HTML, CSS, Node-Js, Express, Loopback, Git
Libraries:	Numpy, Pandas, Matplot-lib, Scikit Learn, Tensorflow

Work Experience

Turing Tech - Founder & Lead Developer

July 2020 - August 2021

- Created e-commerce application '[Festive](#)' with React Native from scratch with serverless back end using Firebase and more than 200+ downloads on Google Play Store within 2 weeks.
- Developed an online [academy](#) android application for organizing courses to handle more than 100 students.

Software Engineer

July 2019 - August 2021

GlobalLogic India, Nagpur, India

- Resolved defects in the Java Android application of top US medical appliance client to reduce defects.
- Developed Unit test Cases to increase class coverage above 85% of the client Android Application in Java.
- Executed code migration from TypeScript to React-Js (JavaScript) for scheduling and e-rostering Software.
- Rated as among top performers in React-Js training within a group of 12 members.

Software Developer Intern

January 2019 - May 2019

Gruhps Services & solutions, Nagpur, India

- Handled backend API requests using Loopback and NodeJS.
- Executed API & query on Postgres-SQL to return nearest geo-location comparing two users table.
- Designed queries for performing a full-text search in records to return input keyword results.
- Performed firebase group notification operations to deliver precise notifications to users.
- Created Database queries for handling API requests in Postgres-SQL.

Academic & Personal Projects

Blood and Organ Transplant Management System (Java, Swing, Firebase)

November 2021 - December 2021

- Led development of [Java application](#) for Hospital, Donor Bank, Logistics and, Labs to manage transplantation with real-time request matching and mail notification.
- Formulated a total of 20 work requests within 4 enterprises and 10 organizations of system.

Sorting for Natural Language (Java)

November 2021 - December 2021

- Implemented [MSD Radix Sort](#) for 1 million Chinese character names and compared it with other sorting methods and conducted benchmarking for same.

Car Price Predictor Using Machine Learning (Python, Scikit Learn)

October 2018 - December 2018

- Predicted costs of used cars with data of over 3 Lac different cars using Scikit learn library in python applying Linear, Random Forest, and Decision Tree Regressor and obtained RMSE score in the range of 2500 over test data set.

Ligero Automated Lighting (Python, Firebase, IOT)

September 2017 - November 2017

- Built smart IOT lights with automated detection of a person and an Android app for managing appliances.
- Devised module showing analysis of appliances used in android app & published a research paper on [IJEAST](#).