Harshal Jaiswal

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Education

Master of Science in Information Systems

Northeastern University, Boston, USA   Expected March 2022
 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

Software Engineer   July 2019 - August 2021

GlobalLogic India, Nagpur, India
- Resolve defects in Pain-Rc Android app in Java Android to reduce defects to < 2%.
- Developed Unit test Cases to increase class coverage above 85% of Pain-Rc Android app in Java Android for client Medtronic.
- Executed code migration from TypeScript to React-Js (JavaScript) for client Allocate Software.
- Rated as among top performers in React-Js training within a group of 12 members.

Software Developer Intern   January 2019 - May 2019

Gruhaps 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

Turing Tech - Founder & Lead Developer (React Native, Firebase)   July 2020 - Present
- Created e-commerce application [Festive](#) with React Native from scratch with serverless back end 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.
- Designed an application for a law firm for presenting general information with live chat assistance integration.

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.
- Performed data cleansing, one hot encoding and applied correlation matrix to data.
- Achieved best average RMSE score within a 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](#).