**DHAVAL PATEL**

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Education

**Master of Science: Big Data Analytics - Trent University** - Peterborough ON, Sept 2021 - Dec 2022

**Bachelor of Engineering: Computer Engineering - Gujarat Technological University** - Gujarat India, July 2016 - April 2020

Technical Skills

**Programming Languages**: Python, R, SQL, Java, Dart, Kotlin

**Operating Systems**: Windows, Linux (Debian, Fedora, Arch)

**Databases**: SQL, MySQL, SQLite, MongoDB

**Cloud Technologies**: Amazon Web Services (AWS), Google Cloud Platform (GCP)

**Web Technologies**: HTML, CSS, JavaScript

**Software Tools**: Git, Postman, MS Office, PowerBI, Tableau

**Frontend Frameworks**: Flutter, Android SDK

**Design Tools:** Figma, Adobe XD

Skills

* Experience working with various databases including MySQL, SQLite, MongoDB
* Experience of working with various frontend technologies such as Flutter, ReactJS and Native Android App Development.
* Hands-on experience with connecting remote databases to front-end applications.
* Experience on working with Google Cloud Platform and AWS services.
* Extensive usage of Git version control, bug reporting, issue tracking.
* Implementation of Figma and AdobeXD designs into Flutter as well as Android XML user interfaces.
* Building Data Visualisation using Python and R as well as PowerBI and Tableau
* Extracting meaningful insights from data and writing reports.
* Knowledge of working with various office tools: MS Office
* Knowledge of various methodologies including Agile and Scrum.
* Experience working on Big Data framework such as Apache Kafka, Spark, Hadoop
* Experience in Machine Learning framework including PyTorch, TensorFlow
* High writing skills and verbal communication skills
* Problem solving and Report generation and presentation

Certifications

* The Ultimate Hands-On Flutter & MVVM - Build Real Projects on Udemy
* The Complete Flutter UI Masterclass for iOS, Android, & Web on Udemy
* Android App Development with Java and Kotlin at Tops Int, Ahmedabad India

Professional Experience

#### Jr. Application Developer Sept 2020 - Aug 2021

**Vishwam Cable Networks** - Ahmedabad, India

* Worked as full time app developer and executed the migration of the application from Android SDK to Flutter and extended the reach of the application by 20% using iOS and Web Implementation.
* Implementing User Interface from Figma into Flutter and co-ordinate feedback to the designing team.
* Improved app workflow with better design and integration with the native platform.
* Assured app reliability by performing unit testing for features implementation.
* Coordinated with the Product owner about the responsibilities as well as expectations of the product.

#### Application Developer Internship Mar 2020 - Aug 2020

**Vishwam Cable Networks** - Ahmedabad, India

* Worked as an intern, assisting developing a front-end application using Android SDK, which provided consumers authentication and trouble-shooting services for Television and Internet.
* Produced feedback reports collected from customer surveys and coordinated the improved workflows to the project manager.
* Worked on Research proposal for movement of the application to Flutter framework for better outreach and coordinated with the project manager about the requirements and responsibilities.

Academic Projects

#### Sentiment Analysis on Customer Reviews

* Performed sentiment analysis on customer reviews of two competitive products over a period of span to establish the impact of performance of one product on customer’s sentiment on other products.
* Reviewed more than 20 peer reviewed research papers on product review analysis and produced a substantial literature review on product review analysis.
* Proposed literature gaps found in the state of art techniques used to understand product reviews and feedback cycles.

**Technologies:** Python

#### IntelliRoute

* Built a dashboard application as well as client application using Flutter SDK for intra-campus transport system
* Used google cloud platform services such as authentication and realtime database.
* Backed the dashboard using people flow analysis over the whole campus and finding best routes for optimal transport infrastructure implementation.

**Technologies:** Flutter SDK, Google Cloud Platform, Node.js, Firebase Database, Python

#### OfferHunt

* Developed an android application using Flutter cross-platform SDK which provided a platform to local shop owners to publish advertisements and offers which then can be consumed by a large consumer base in a nearby area.

**Technologies:** Flutter SDK, Google Cloud Platform, Node.js, Firebase Database