# **KULDIP SATPUTE**

#### Full Stack Developer & Proud Geek

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## **WORK EXPERIENCE**

#### **Cupid Knot Matrimonial Services**

#### **Senior Technical Officer**

May 2021 - Ongoing

Surat, Gujrat

#### Senior Software Engineer

**i** Jan 2021 - May 2021

#### **Laravel Developer**

- **Sept 2020 Dec 2020**
- Maximized existing applications' efficiency, data quality, scope, operability, and flexibility.
- Managed, optimized, and updated framework and databases as necessary.
- Developed app integration with REST and other APIs for Firebase, social media logins, payment processors, and other services.

#### Freelancing

#### **Full Stack Developer**

Nov 2018 - Dec 2020

Maharashtra

- Developed native Android applications with REST APIs using Laravel framework.
- Designed and Managed Clean well structured Databases with Normalized Upto 3NF.
- Defined and implemented robust app architectures and complex user interfaces
- Used MVP and MVC design pattern to achieve clean and robust app architecture.
- Developed native android application integrated with RFID Receiver.

## **PROJECTS UNDERTAKEN**

#### Mangalvedha Municipal Council

Waste Collection and Transportation Full System for Management And Monitoring.

Dec 2020 - Feb 2021

Mangalvedha, Maharashtra

#### Jalna Municipal Council

#### **Complaint and Customer Service App**

**July 2019 - Aug 2020** 

Jalna, Maharashtra

### **Uran Municipal Council**

#### Waste Collection Monitoring System Using RFID

Feb 2018 - Feb 2019

Uran, Mumbai

# **LANGUAGES**

English Marathi Hindi

## **TECHNICAL SKILLS**

#### Frameworks

 Android, Laravel, Express, Vue, Angular, React, Django, JavaFX, Spring Boot etc.

#### Libraries and APIs

- Razorpay, 3rd party SMS, Passport, Spatie Roles and Permission, Socialite, Guzzle, mpdf etc.
- ButterKnife, Dagger, Green DAO, OkHTTP, GSON, Volley, RXJava2, Picasso, Glide, Other Material Design GUI Libraries, G-Maps, Firebase, GCM, G-Analytics, G-Places, G-Auth.
- Scikit-Learn, NumPy, Pandas, Matplotlib etc.

### **Design Patterns**

MVP, MVC, MVVM

#### **Build-Tools**

• Maven, Gradle.

#### **Databases**

 MySQL, SQLite, PostgreSQL, Oracle, MongoDB, Firebase, redis.

#### IoT

• Raspberry Pi, Arduino, Node MCU etc.

#### Sensors

 RFID, MQ3, MQ135, Ultrasonic, LDR, Soil Moisture Sensor, Sound Detection, Motion Sensor, Accelerometer, DHT11 Humidity Sensor etc.

## **STRENGTHS**

Hard-working (18/24)

Persuasive

Motivator & Leader

Logical Reasoning

Quick Learner

# **INTERESTS**

#### Technical

Hacking

Artificial Intelligence

ML and Deep Learning

Astrophysics

#### **Hobbies**

Drawing

Photography

Cooking

## PERSONAL PROJECTS

# Social Networking site for College PHP (Laravel Framework), Native Android

- Solapur, Maharashtra
- Planned, wrote, and debugged Native Android Application and Web App Integrated with Rest API using Laravel framework.
- Implemented Instant Messaging service using Firebase cloud messaging.

## Shop Management And Billing

#### **Native Android**

- Solapur, Maharashtra
- Developed native Android Application.
- Applied expert knowledge of Android system frameworks to solve novel problems.
- Defined and implemented complex user interfaces.
- Worked with complex SQL Queries and implemented various types of joints.

## **HONOR AWARDS**



**Best performance Award** 

By "OS3 InfoTech" in IOT Training.

## **ACHIEVEMENTS**

#### Secured 1st Position

#### **Java Programming Event**

- February 2017
- Pandharpur, Maharashtra
- A State level Technical Event, organized by S.K.N Sinhgad Campus, Pandharpur on February 3, 2017.

#### Secured 3rd Position

#### **Android Application Development**

- September 2016
- Sangola, Maharashtra
- Competition was organized by RoboKart.com in association with E-Cell IIT Bombay.

# **WORKSHOPS**

#### IoT Workshop

#### **Fabtech Technical Campus**

- 27 January 2017 1 February 2017
- Attended Training organized on "I.O.T." conducted on 27th January to 1st February 2017 (OS3 InfoTech).

#### **Android Application Development**

#### **Fabtech Technical Campus**

- 2 September 2016 3 September 2016
- Attended workshop organized on "Android Application Development" conducted on 2nd September to 3rd September 2016 - (IIT Bombay).

## **EDUCATION**

## B.E. in Computer Science Ahilyadevi Holkar University

- May 2015 April 2019
- FABTECH Technical Campus Sangola, Solapur.

# Diploma in Mechanical Engineering M.S.B.T.E.

- **i** June 2010 April 2014
- S.E.S. Polytechnic Solapur.

#### S.S.C.

#### MSBSHSE, Pune Division.

- **March** 2010
- DBKSS Vidyalaya Medshingi Sangola, Solapur.

## **PROGRAMMING SKILLS**

PHP	• • • • • •
Java Script	• • • • • •
Node.JS	• • • • • •
Java	• • • • • •
Python	• • • • • •
React	• • • • • •
VueJS	• • • • • • •
Angular	• • • • • • •

## **SOFT SKILLS**

Collaboration Cooperation
Friendliness Curiosity Calmness
Analysis Problem-Solving
Observation Experimenting