



Varun Mukund Kudalkar



Training Profile



Mobile App Developer/Trainer



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ABOUT ME

1. Software Developer/Corporate Trainer with 11 years of experience in **Full Stack Mobile App Development**, iOS, Android, Flutter, Node, IoT, etc.
2. I am a **process-oriented** person and follow business **ethics** strictly.
3. Possess extraordinary **qualities** like **self-discipline**, **punctuality**, **transparency**, and good **communication** skills.
4. I like to **develop** foolproof **processes** to increase the company's overall **growth**.
5. I am **open** to adapting to **constructive** changes and challenges.
6. I see myself as a **good leader**, for a **reason**; I **create** leaders.
7. I am creative, trying to bring **creativity** in all **dimensions** of living life.



GRADUATION

I completed an engineering degree from Shivaji University (Kolhapur) in computer science and engineering with first-class distinction.



SHORT PROFESSIONAL SUMMARY

- 🎯 Experienced **Software Consultant & Corporate Trainer** with **10+ years** in full-stack mobile app development.
- 🎯 Specialized in **Flutter, iOS, Android, and IoT** with hands-on expertise in real-world projects.
- 🎯 Conducted corporate training for **Saudi Aramco, Edoxi Training Institute, UAE, John Deere, and Dell**.
- 🎯 Passionate about **mentoring developers** and implementing **best mobile development practices**.



TECHNOLOGY STACK

1. **Languages:** Swift, RxSwift, SwiftUI, Objective C, Kotlin, Dart, C, C++, Embedded C.
2. **Architectures:** MVC, MVVM, Viper, Bloc, Provider, Redux, etc.
3. **Frameworks:** iOS, Android, Flutter, NodeJS, NestJS, Vertx, Flask, Django, Darknet, TensorFlow, ThingWorx IoT, AWS IoT, etc.
4. **Databases:** SQLite, MySql, MongoDB
5. **Security:** Spring Security, JWT, OAuth2, OpenSSL, and OpenID Connect
6. **Cloud:** AWS Ec2, Firebase, Beanstalk, CodePipeline, etc.
7. **Version Control:** Github, Gitlab, bitbucket, SVN, etc
8. **Project Management:** Agile, Jira, Redmine, Trello, Asana, ZohoProjects, etc.



TOOLS

1. **Project Management:** Jira, Trello, Redmine, Asana, ZohoProjects, etc.
2. **Version Control:** Github, Bitbucket, Gitlab, SVN, etc.
3. **Bug Tracking:** Jira, Redmine, etc.
4. **IDE:** VsCode, XCode, Android Studio, IntelliJ Idea, PyCharm, etc.
5. **Unit Testing:** JMeter, XCUI Test, Appium, etc.
6. **IoT:** ESP32, ESP8266, GSM Modules, WIFI Modules, Arduino, Wireshark, AWS IoT, Eclipse IoT, BLE, WIFI, MQTT, SPI, I2C, UART, RTOS, Modbus, etc.



WORK EXPERIENCE

Software Consultant	Self Employed	2020 - Present	Remote
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- Worked as a software consultant with Cummins India Private Limited Pune. *Working on a C++ project, adding encryption and decryption logic to the existing windows based application.*
- I am providing software consultation to Kanaad Electromotion Solutions Pvt. Ltd. *Helping them in the mobile application development part, their main clients are Exide Batteries and Amaron Batteries.*
- Provided software consultation to a well-funded EdTech company from Jakarta, Indonesia. Working with a team size of 40+ people from different platforms. *I worked on iOS applications with Swift 5, MVVM, Viper structure, RxSwift, etc.*

- **Temperature Control and Monitor**

Platform: Flutter, iOS, Android, BLE, ESP32 Microcontroller

Designed and Developed a mobile app to communicate with the smart containers that are used to carry goods and medicines by maintaining the temperature inside and monitoring for changes, As they are not able to provide me with the containers at my place I have built the simulator for testing and development purpose, this is the most successful startup in South Korea and USA providing these containers in custom sizes.

- **Kanaad Battery Automation App**

Platform: Flutter, iOS, Android, BLE

This app allows a user to communicate with the battery tester hardware, which runs several tests on the battery related to the voltage, charging percentage, battery health, etc. The app lists down the nearby BLE devices filtered with the desired names and then connects with the specific device using BLE, fetches battery voltage, and allows a user to start the tests. Test reports are available to print on thermal printers or email as a PDF file.

- Mahalaxmi Calendar (2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024)

([Download App - iOS](#)) (150K+ downloads)

([Download App - Android](#)) (5 Million+ downloads)

Platform: Flutter, iOS - Swift, Android - Kotlin

This is a popular calendar application in the Marathi Language, I am developing and maintaining it every year.

Currently, I am revamping the old code structure and building the app using Flutter.

Full Stack Software Developer	Services Provided	2014 - 2019	Pune
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- Smart Drill Machine

Platform: Android, IoT, ESP32 Micro Controller, BLE

Worked on the communication of microcontroller and android app, used BLE for communication, and it also controls some functions of the drilling motor to make it automated, e.g. controlling speed, Current, Uptime, Downtime, etc.

- Smart Home Automation

Platform: Flutter, Android, iOS, NestJS, IoT, ESP32 Micro Controller, Custom electronics circuits, Power supplies, BLE

It's an iOS and Android client app used to operate switches and other home appliances remotely. Worked on server-side code in NestJS for APIs, and also worked on microcontroller code to communicate with the mobile applications using WIFI.



CORPORATE TRAINING EXPERIENCE

- **Edoxi Training Institute Dubai UAE**
Platform: Mobile app development Flutter, iOS, Python.
I worked as a freelance trainer and delivered around 6 trainings (online and offline).
- **Saudi Aramco**
Platform: Advanced Mobile app development using Flutter.
I delivered training to Saudi Aramco employees on advanced mobile development using the Flutter framework.
- **Dell**
Platform: IoT, MQTT, Java.
Delivered training to Dell employees about the IoT and MQTT protocol using Java, It was a 6 full days training program conducted virtually.
- **John Deere India Private Limited**
Platform: iOS - Objective C and Swift
I have trained the existing embedded software development team with iOS app development using Objective C and Swift.
- **Innoplexus Consulting Services Pvt Ltd**
Platform: iOS - Objective C, Python
I conducted a one-week workshop on iOS app development and Python basics for the first-year IIT trainees.
- **DLithe Consultancy services**
Platform: Flutter - Android, iOS, Mobile app development
While working with DLithe I conducted 10+ batches for college students/freshers on Flutter.
- **Idea To Innovation Technology**
Platform: Mobile App Development
Trained freshers and experienced employees to work on mobile app development, and conducted full-day training programs with practical sessions.
- **Realsoft**
Platform: C, C++, Java
Worked here as a part-time trainer and trained almost 400+ students, on basic programming concepts.



Achievements

- Contributor to the Eclipse Vert.X open-source project on GitHub

<https://github.com/vert-x3/vertx-eventbus-bridge-clients/graphs/contributors>

This project is open source and developed and maintained by Eclipse, in one of my projects I implemented Vertx framework, but I got some issues while developing so I resolved those errors improved the code, and submitted it for review by the Vertx framework community and, my changes are accepted now I am a contributor to this project.

- Got an appreciation from Emerson

The Emerson team was facing issues in the BLE communication with the React native mobile app for a long time. I studied the code and provided solutions and reviewed the code, and got goodies from Emerson.

- Added support to the run shell commands in [IOS-nRF-Connect-Device-Manager Library](#)



While working on one of the projects I encountered the issue of shell commands not working in iOS, so I resolved the issue by learning about the Android code and how they have implemented the shell commands in the Android code. I have written ShellManager class in iOS library and used it in the application.

Why Choose Me?

- ☒ Proven corporate training experience with global clients
- ☒ Hands-on, project-based methodology for better learning
- ☒ Expert in real-world app development, state management & API integration
- ☒ Strong communication skills in English, enabling seamless interaction with global clients and trainees



SOCIAL MEDIA



Website

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<https://varunkudalkar.com>



Github

-

<https://github.com/varunkudalkar>



LinkedIn

-

<https://www.linkedin.com/in/varunkudalkar>



Twitter

-

https://twitter.com/varun_kudalkar



Facebook

-

<https://www.facebook.com/varunkudalkar>



Instagram

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<https://www.instagram.com/varunkudalkar>

Date:

Name: Varun Kudalkar

Place: