

Pradip Bokha

COMPUTER ENGINEERING | GMIT BHAVNAGAR
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EDUCATION

GMIT BHAVNAGAR

B.EIN COMPUTER ENGINEERING
2023 | Bhavnagar, Gujarat
CGPA: 9.0/10

SWAMINARAYAN GURUKUL DAMNAGAR

HIGHERSECONDARY CERTIFICATE
2019 | Damnagar, Gujarat
Percentage: 77.59%(PCM:81.72%)

SWAMINARAYAN GURUKUL DAMNAGAR

SECONDARY SCHOOL CERTIFICATE
2017 | Damnagar, Gujarat
Percentage : 81.83%

COURSEWORK

GRADUATE

Data Structures and Algorithms
Object Oriented Analysis & Design
Algorithm Design and Analysis
Database Systems
Compiler Design
Operating System
Computer Networks
Software Engineering
Computer Organization & Architecture
Digital Logic and Design

SKILLS

PROGRAMMING

- JAVA • Kotlin
- C/C++ • Dart
- JavaScript

WEBTECHNOLOGIES

- HTML • CSS

FRAMEWORKS&UTILITIES

- Android • Flutter • Firebase
- ReactJs • Nodejs • MongoDB
- Spring • Spring Boot • MySQL
- AWS • GCP
- Git & GitHub • Jira

LINKS

Github:// [bokhapradip3241](#)
LinkedIn:// [pradip-bokha](#)
Portfolio:// [my-portfolio](#)

EXPERIENCE

VICHARAK | SOFTWARE ENGINEER

Technical Lead - Smart Home Android App & WiDrive Project

June 2022 -Present | Surat, India

- Enhanced an existing Smart Home Android app using JAVA and modern architecture (**MVC&MVVM**), significantly improving the user interface and experience by 75%.
- Implemented Bluetooth Low Energy(BLE) with **BEACON**, **SCENE SET**, and **ByPASS** functionalities.
- Additionally I integrate Amazone Alexa voice control using the Alexa Skill Development Kit with **NodeJs** and **AWS cloud**.
- Working on enable seamless device communication through Web Socket and mDNS protocols.
- Successfully deployed the app on **Google Play Store**, ensuring regular update.
- **WiDrive Project**- Developed Wifi-enabled USB drive for file uploads without physical access using React.Js and Node.Js. Added OTA functionality for firmware updates.

PROJECT

EduConnect | Group Project

Jan 2021 - June 2021 | Bhavnagar, India

Mentor:PrashantViridiya

- This is Android app enabling collaboration between students and teachers , allowing students to find online classes with subject -specific tutors.
- Featured include **chat messaging**, **audio calling** and support for online **MCQ** and **WRITTEN** tests with result display.
- Built with Android Studio, **Kotlin** ,**XML**,and **MySQL** following **MVVM** architecture with backend APIs developed using **PHP**.

Ride Sharing App | B.Tech. Project

Jan 2022 - April 2022 | Bhavnagar, India | Open sourced at [Github](#)

- Android app for ride-sharing, enabling seamless interaction between passengers and drivers to upload, find, book and track rides in real time.
- Features include **chat messaging**, **secure payment** and real time ride tracking using **Google Maps Direction API** with **animations**.
- Built with Android Studio, **JAVA** , **XML** and **Firebase** for phone authentication and database management ,following the **MVC** architecture, includes **ride history**, **wishlist** manage and integrate help support.

ACHIEVEMENTS

Currently Having 3*at LeetCode (410+ DSA Questions solved).

Successfully conquered multiple challenges on GeeksforGeeks and other prominent online coding platform.

EXTRACURRICULAR

- 2020-21 **Student Guide** Student Counselling Service, GMIT Bhavnagar
2022-23 **Taught Android App Development** , Oscar Tech, Surat