

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

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

SWAMINARAYANGURUKUL 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

WEB TECHNOLOGIES

- 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 Amazon 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: Prashant Virdiya

- 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 competitive programming platforms.

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EXTRACURRICULAR

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