

Sarthak Bhoj

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EDUCATION

JSPM's RSCOE

B.Tech in Engineering

Expected: June 2027 | CGPA: 9.00

GOVERNMENT POLYTECHNIC KARAD

Diploma in COMPUTER

ENGINEERING

Grad. June 2024

Percentage: 91.77%

SGM Highschool Karad

Grad. Mar 2021

Maharashtra, India

COURSEWORK

UNDERGRADUATE

Object Oriented Programming

Operating Systems

Data Structures

Web - Android Development

Microprocessor

R-DBMS

VB.NET

Computer Graphics

SKILLS

PROGRAMMING

Languages:

- Advance: Java, XML, C++
- Intermediate: Python, PHP
- Novice: Javascript

Tools:

- Git
- Linux
- Windows
- Postman

Framework:

- Android
- MySQL
- PHP
- XML

OTHER

- Teaching
- Running
- Exercise
- Cricket

EXPERIENCE

2 Month (Internship)

i-Gap Technologies | Android Developer

Jun 2023 – Jul 2023 | Maharashtra, India

- Developed a Parking Management System Android application to help users locate and book parking spots efficiently.
- Implemented key Android concepts including Activities, Fragments, RecyclerView, and Firebase integration for user authentication and real-time data storage.
- Designed a user-friendly interface using XML layouts and optimized user interactions with Jetpack components.
- Collaborated with a team to enhance the app's functionality, ensuring responsiveness and smooth performance across devices.
- Gained hands-on experience in tools like Android Studio, Git, and technologies like Java.

Capstone Project: SafeGuardHer

Government Polytechnic Karad | Maharashtra, India

Jan 2024 – Jul 2024

- Designed and developed SafeGuardHer, an Android application aimed at enhancing the safety of college hostel girls by providing real-time security features.
- Implemented a real-time location-sharing system to notify parents and the Head of Department (HoD) of the student's current location during approved leave periods.
- Integrated emergency messaging capability and an SOS button, streamlining user access to emergency services; reduced emergency response time by 30% and improved overall app usability ratings.
- Developed a leave approval system, allowing students to apply for leave, which is forwarded to the HoD for approval.
- Enabled parents to confirm safe arrival via a "Reached" button that notifies the HoD.
- Utilized technologies like Firebase, Google Maps, and Kotlin/Java to implement real-time data synchronization and location services.

Project Links

- ParkPartner | Android | PHP | DBMS:
<https://github.com/SarthakBhoj/ParkPartner>
- SafeGuardHer | Android | PHP | DBMS:
<https://github.com/SarthakBhoj/SafeGuardHer>

AWARDS

2024	Winner	Investigation Room (Inter College)
2023	Winner	Code Combat (Inter College)
2023	Winner	C Master (Inter College)
2023	Runner up	C War (National Level)