

# PRASHANT PATIL

[Portfolio](#) || [LinkedIn](#) || [Github](#)

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## SUMMARY

Hello, I'm Prashant Patil — a passionate Mobile App Developer with a solid foundation in backend development using Java, Spring Boot, and RESTful APIs. I have a strong grasp of core Object-Oriented Programming (OOP) principles, which I apply to build scalable and maintainable applications.

Currently, I'm expanding my skills into the Salesforce ecosystem, actively learning Apex, Lightning Web Components, and Salesforce automation tools. With a problem-solving mindset and full-stack capabilities, I'm excited to contribute to cloud-based CRM solutions and continue growing in the Salesforce platform.

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## EDUCATION

### Uka Tarsadia University , Bardoli

Jun 2024-26  
(Pursuing)

- Master of Computer Application (MCA)
- CGPA : 9.25

### Udhna Citizen College , Surat

July 2021-24

- Bachelor of Computer Application (BCA)
- CGPA : 8.85

### P.H. Bachkaniwala Vidhyamandir , Surat

May 2020-21

- HSC , Science (PCM)
- Marks : 72%

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## ADDITIONAL INFORMATION

- **Programming Languages** : Core Java, Python, PHP, C .
- **Frontend** : XML(Android UI), HTML , CSS , JavaScript , Bootstrap, Tailwind CSS
- **Databases** : SQL, MySQL , MongoDB(No SQL DB), SQLite, Firebase
- **Tools & Technologies** : Android Studio, Git & GitHub , Postman (API Testing), VS Code ,  
Firebase Console, XAMPP
- **Frameworks** : Laravel , ASP.NET Core
- **Other Skills** : REST API Integration , MVC Architecture, App Deployment on Play Store

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## PROJECTS

### 1. AgriLink (The Smart Farming Marketplace )

- Designed an agriculture app enabling direct farmer-to-buyer bidding, increasing farmer profit by 30-40%.
- Integrated crop disease detection which gives 85% accuracy, expert consultation, and expense tracking to boost productivity and decision-making.
- **TechStack** : Android Studio, Java, Laravel, MySQL

## 2. Weather App

- Developed a weather forecasting Android app using real-time API integration for accurate temperature, humidity, and condition updates.
- Implemented location-based forecasts with sleek UI, helping users plan daily activities efficiently.
- **TechStack** : *Android Studio , Java, Weather API, lottie Libraries.*

## 3. ShortDial ( Temporary Call ) ([Github](#))

- Built "ShortDial," a lightweight Android app for storing temporary contacts without saving them in the device's default contact list or WhatsApp.
- Streamlined user experience for quick dialing, ideal for one-time interactions like deliveries, events, or client meetings.
- **TechStack** : *Android Studio , Java , Firebase.*

## 4. BrainyMath (Maths Basics Learning or Quiz)

- Created a Flutter-based math practice app focused on basics like addition, subtraction, multiplication tables, square and cube roots.
- Integrated a timer to track calculation speed by 90% , helping users improve accuracy and speed through gamified learning.
- **TechStack** : *Flutter, LocalStorage.*

## 5. Code Complexity Analyzer ( [Live](#) ) ([Github](#))

- Built a web application using React.js and Node.js to analyze Java, C++, and Python code, estimating time and space complexity with 85% accuracy using custom AST-based static analysis.
  - Integrated CodeMirror for live syntax input and improved code parsing speed by 40% through optimized backend logic.
  - **TechStack** : *ReactJS, NodeJS, ExpressJS, MonacoEditor*
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## SOFT SKILLS

- Problem Solving ( Practice at [GeeksforGeeks](#) , Leetcode ).
  - Logical Understanding
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## CERTIFICATION

- **Great Learning** : Java Data Structure for Beginners
- **Code Ninja Community** : Got Certification in Coding quiz by solving Questions