

# Prathamesh Vivek Bhagat | Nagpur, Maharashtra, India [440027]

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🐙 [github.com/PrathameshBhagat](https://github.com/PrathameshBhagat) | 🌐 [prathameshbhagat.github.io](https://prathameshbhagat.github.io) | 🏠 [leetcode.com/Prathamesh\\_Bhagat](https://leetcode.com/Prathamesh_Bhagat)

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## Summary

A versatile programmer, with 6+ months of experience, having tackled 300+ Leet code problems, and expertise in Android and Web development. Equipped with strong problem-solving capabilities and a proven track record of delivering innovative projects, eager to take on the most ambitious problems and bring life to impactful solutions.

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## Education

[Bajaj Institute of Technology, Wardha](#) – B. Tech. (Computer Engineering) [DBATU]

2020 - 2024

[Indian Institute of Technology, Kharagpur](#) – Programming in Java (A non-degree course) [NPTEL]

Jul - Oct 2021

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## Experience

**Software Developer Intern** | [OFY Wellness, Nagpur](#)

February 2024 – Present

- [OFY Wellness Android app \(Java\)](#)
  - Worked on building the OFY Wellness Android app in Java using XML and Firebase database.
  - Added daily diet logging and viewing features using Firebase real-time database and cloud storage.
  - Implemented meal image and nutrient detection via Gemini Pro Vision AI/ML models and APIs.
  - Added broadcast messaging features for users to interact with each other.
  - Tuned the model and improved meal image and nutrient detection by over 50%.
  - Close to releasing alpha versions of the app to the Google Play Store.
- [A Spring Boot revenue converter \(Java\)](#)
  - Developed a Spring Boot revenue converter to convert earnings into different time brackets to assist freelancer and worker onboarding and revenue calculations.
  - Supplemented currency conversion feature and scaled currency pairs to 10+ currency pairs.
  - Dockerized the Spring Boot application and increased its availability by more than 10% by deploying it to an AWS EC2 instance and multiple Docker containers.

**Software Developer Freelancer** | [Hazirs, remote](#)

December 2022

- Crafted an Android application in Java and XML from scratch using the Google Sign-In API.
- Implemented email authentication and log-in and reduced the number of clicks required before reaching the home page by about 33%.

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## Projects

- [A brand-new programming language \(JavaScript, PHP\)](#): Hindi4All, which is in Hindi and has the features of a traditional programming language, documentation, an editor, and CLI support.
- [Algorithmic stock-trading \(Python, Java\)](#): applications that operated APIs provided by leading Indian stock brokers, namely Kota Securities, Fyers, and Zerodha, and traded stocks worth around ₹10,000.
- [Autonomous drone \(C++, JavaScript\)](#): attempt to assemble an internet-controlled autonomous drone.
- [Portfolio Site \(JavaScript, React\)](#): React JS-based portfolio site with an overview of projects done.

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## Skills

### Proficiencies:

- *Languages*: Java, JavaScript, PHP, and SQL.
- *Databases*: Firebase, MySQL, and MySQL Workbench.
- *Technologies*: REST APIs, multi-threading.
- *Domains*: Android application development and web back-end development.
- *Others*: Git, GitHub, VS Code, and Android Studio.

### Familiarities:

- *Languages*: Python, C, C++, HTML, XML, CSS, and JSON.
- *Databases*: MongoDB.
- *Technologies*: Microservices, ReactJS, Bootstrap, Spring Boot.
- *Domains*: Full-stack web development, AI/ML model development and integration.
- *Others*: AWS, Docker, Postman, Selenium, Chromium, Ubuntu (Linux), and PHP My Admin.

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## Certifications

**AWS**: Cloud Foundations; **Cisco**: NDG Linux Unhatched; **Cisco**: Programming Essentials in Python;

**Cisco**: Networking Basics; **Indian Institute of Technology, Bombay**: Web development workshop;