

# Vinay Patil

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## EXPERIENCE

### Software Developer | TCS

Oct 2023 - Present

- Software Developer at National Stock Exchange proficient in **C, C++** and **Unix**.
- Working on Equity and Commodity segments, implementing efficient trade matching algorithms and optimizing the contract trading architecture. deployed new features, improving system reliability, and throughput in a real-time high frequency trading environment.

### Frontend developer Intern | UnityLabs.ai

Feb 2022 - May 2022

- Developed web components and web pages using **Next.js**, and **React** creating seamless user experiences.
- Designed and implemented a **Next.js slug template** for thousands of web pages.
- Worked collaboratively with backend APIs to gather essential information, ensuring a well-integrated software solution. Optimized **SEO** components for company products, enhancing their online presence and reach.

## EDUCATION

### Bachelors in Computer Engineering | Sapkal Knowledge Hub

2020 - 2023

Accomplished engineering graduate with an exceptional **8.9 CGPA**. A strong interest in computer engineering drove me to actively engage in diverse projects and pursue continuous learning to hone my skills.

### Diploma in Computer Technology | K.K.Wagh Polytechnic

2016 - 2019

I hold a Diploma from one of the prestigious colleges, with a notable **70.18%** score in the Final Year. My academic focus was on computer technology, and I actively participated in various projects to gain practical expertise in the field.

## PROJECTS

### Smart Virtual Assistant and support system

- Programming Language: **Python**.
- A versatile virtual assistant adept at managing a wide range of tasks, including **browser navigation**, enabling **gesture-based mouse** control for music playback on your preferred platform, note-taking during meetings, text, and **e-book reading**, and sending messages on Whatsapp, among others.

### Review Monitoring System

- Programming Language: **Java(android)**, **XML**, **Firestore**.
- Account blocking system for inappropriate reviews or comments by IMEI Number. The app recognizes inappropriate or abusive reviews and **blocks** the **device id** so that the user cannot access the app even with other credentials.

### Automated Student Result Analysis System | [\[Github\]](#)

- Programming Languages: **HTML**, **PHP**, **JAVASCRIPT**, **SQL**.
- The project is based on developing a web-based solution for **Information retrieval** of student result data from an unstructured pdf file and providing results in a structured and sorted format with Live analysis.

### InstagramBot | [\[Github\]](#)

- Programming Languages: **Python**, **Selenium**.
- Instagram Bot which increases your followers. This project aims to build a bigger audience and, as a plus, maybe drive some traffic to your website.

## SKILLS

**C++, C, Git, HTML5, CSS, React.js, Firebase, SQL, PostgreSQL**

## AWARDS

- **NCFM** certification in **Financial Markets** with score of **91%**.[\[Link\]](#)
- **Hacktoberfest 2022** Participant [\[Link\]](#)
- **5 Star** for C++ on Hackerrank, also cleared the assessment for C++ Problem solving.[\[Profile\]](#)
- Rank **1** in the university on GeeksforGeeks with a coding score of **265+**.[\[Profile\]](#)
- Completed 'Responsive Web Design Certification'.[\[Link\]](#)

## HOBBIES

- Reading Books
- Chess