

# VIVEK KUMAR

Pune, Maharashtra

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## Education

### DY Patil School of Engineering and Technology

November 2021 - June 2025

Bachelor of Technology in Computer Engineering (CGPA of 8.95)

Pune, India

### Vidya Bharati Chinmaya Vidyalaya

May 2018 - June 2020

Intermediate in Mathematics (Percentage of 90.0)

Jamshedpur, India

## Skills

**Languages:** JAVA, C++, C, Python, HTML, CSS, Kotlin, JavaScript

**Frameworks/Libraries:** SpringBoot, Flutter, React.js, JavaFx, XML, Socket.io, ArKit, ArCore

**Technologies:** Bootstrap, Android SDK, Firebase, Postman/Restful Apis, Figma, Git/Github, SQL/MySQL, Docker

**Concepts:** Data Structure and Algorithms, Compiler Designing, Operating System, Machine Learning, Database Normalization, Agile Methodology, Cloud Computing

## Experience

### Amdocs (InUnity)

Jan 2023 – June 2023

Innovation Project Intern (Socio-Make-A-Thon)

Pune, India

- Created a backend + frontend internal tool for Onion Storage System, which track all the statistics related to the Temperature and Humidity with edit functionality, this allowed us to track Temperature and Humidity. These features saved the wastage of Onions in Storage. .
- Wrote multiple Arduino based code for the team which returned the extracted data from BLYNK cloud by doing some computations on the basis of requirement. It uses DHT11, ESP8266 for sensing data.

### Chegg Inc

Mar 2022 – Aug 2023

Subject Matter Expert

Pune, India

- Working a Subject Expert in Computer Science Domain. .
- Answered Queries related to students, subjects based on Operating System, Computer Networks, Object Oriented Programming, Design and Analysis Algorithm 128 questions solved till date.

## Projects

### Bank Management System Core Java, OOPS, MySQL, Java Swing, Java AWT, Servlet, JDBC

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- Led the development of a java based Bank Management platform using Swing and AWT, resulting in a 40% increase in daily transactions within the first quarter.
- Designed a interface in which user can transfer, withdraw and get mini statement printed, it uses SQL for maintaining data and storing data.

### Weather Application Kotlin, XML, Weather API

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- Developed a Android Based Application dashboard using Kotlin, which fetches the data from the Weather API.
- Published the application in google play store.

### Sorting Visualizer HTML5, CSS3, JAVASCRIPT, Sorting Algorithms

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- An user interactive website which give an option to sort the given array in the form of blocks. Gives the visualization of all sorting techniques.

## Achievements

- Highest rating of **934** at Codeforces, which is the top site in terms of participation.
- Ranked under **17** at Codechef which ranks among the top sites for competitive programmers. Highest rating of 1602 and rated **3\***.
- Solved more than 120+ problems on Chegg.

## Profile Links

- Leetcode : vivekkumar3009
- Codechef : vivekkumar3009
- Codeforces : vivekkumar3009