

# VEDANT SINGH CHAUHAN

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## WORK EXPERIENCE

### Zyra, Bangalore — Software Developer Intern

Jan '25 - Apr '25

Worked on Fulfilment App for delivery agents, focusing on docs & live updates.

- Integrated DigiLocker and backend APIs for secure document handling and smooth service communication.
- Built a dynamic CMS module and improved app for efficient deliveries.

*Improved app, achieving a 30% increase in efficiency and handling 50k+ products .*

### Picosoft Solutions, Hyderabad — Mobile App Developer Intern

Jul '24 - Dec '24

Developed an inventory and order management app, and various other projects.

- Developed frontend and backend functionalities using Flutter, Rest API, GetX, Firebase, Postman and other packages.
- Implemented UI/UX and integrated third-party APIs for better functionality..

*Improved app, achieving a 30% increase in efficiency and handling 50k+ products .*

### DateUp360, Mumbai — Flutter Developer Intern

Feb '24 - Apr '24

Contributed to frontend and backend development for a Dating app.

- Implemented UI/UX design using Flutter and Riverpod for state management.
- Developed real-time location tracking and auth using Firebase, database operations and RESTful APIs with Express and Node.js.

*Enhanced app performance resulting in a 20% increase in user engagement.*

## SKILLS

**App** | Flutter • Dart • GetX

**Frontend** | JS • TS • React • Next • Redux • Tailwind CSS • Bootstrap • Three.js

**Backend** | Node.js • Express.js • Embedded C++ (ESP32)

**Database** | Firebase • MongoDB • MySQL

**Version Control System** | Git • GitHub

**Data Structure & Algorithms** | Java

## PROJECTS

### Juno — Vehicle Pooling App

- Combining ride-hailing and vehicle pooling for shared rides and split fares, with real time communication benefiting both users and the environment.
- Developed Flutter frontend, Firebase backend, Socket IO and Google APIs for optimal driver-user matching, Razorpay for payments, and Weather API.
- Successfully published on Google Play Store, offering users seamless access.

### HopeLang — A Custom Programming Language

- Designed a lexer, parser, and REPL to facilitate streamlined code execution.
- Integrated with a VSCode Extension for enhanced IDE support, developed in TypeScript and Deno, and published on npm for widespread accessibility.
- Accepted by 1600+ users, reducing onboarding time for new learners by 50%.

### EyeSeeYou — Smart attendance system

- Using facial recognition and ML to automate attendance marking and provide real-time reporting, boosting efficiency and accuracy.
- Integrated OpenCV with ESP32, and IFTTT for connectivity, and a JS website.
- Reduced manual marking time by 70% and improved tracking accuracy.

## EDUCATION

### Indian Institute of Information Technology (IIIT), Vadodara

Computer Science Engineering

CGPA: 8.77 | Nov '22 - Present

### NPTEL (IIT MADRAS)

Minor Equivalent - AI

Nov'23 - Present

### India Semiconductor Workforce Development Program

Feb'25 - Apr'25

### Indian Institute of Technology Bombay (IITB)

Software Systems Lab Course

Advanced Unix, HTML/CSS, JS

Mar'24 - Jun'24

## POSITION OF RESPONSIBILITY

### Chief Technology Officer DateUp360

Led tech strategy & execution for DateUp360, driving growth & securing high-performing IT infrastructure

Apr '24 - Aug'24

### Campus Ambassador GeeksForGeeks

Organized coding events, workshops, and competitions to promote tech education while enhancing community engagement.

Apr '24 - Present

## COURSEWORK

- System Design
- Object-Oriented Programming
- Software Engineering
- Data Structures and Algorithms
- Database Management Systems
- Operating Systems
- Computer Networks
- Web Technologies

## PUBLICATIONS

- [\[Link\]](#) Article on using GeoFire with Flutter, published on Medium.
- [\[Link\]](#) Article on State Management techniques in Flutter, published on Medium.