

# Vinayak Govind Jaybhaye

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## Education

**Bachelor of Technology in Computer Engineering** | August 2023 - July 2027

*Pimpri Chinchwad College of Engineering (PCCOE), Pune*

**Higher Secondary Certificate (HSC)** | July 2022 - May 2023

*Residential Junior College of Arts, Commerce and Science, Ahmednagar*

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## Technical Skills

**Languages:** JavaScript, TypeScript, Python, Java, C++

**Backend & Systems:** Node.js, Express, REST APIs, WebSockets, Redis, FastAPI

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools:** Git, Docker, Linux, Postman

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## Experience

### Web Developer Intern

*AdTadka Pvt. Ltd.* | Remote | June 2025 - August 2025

- Developed and refined a production franchise website for Amriti Chai, collaborating on UI improvements, responsiveness, and performance optimization.
  - Contributed to a client-facing salon booking mobile application, implementing the complete frontend in React Native based on provided Figma designs.
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## Projects

### CrewChat - Real-time Communication Platform | July 2025

Repo: <https://github.com/vinayak-jaybhaye/crewchat>

Tech: Next.js, Node.js, WebSockets, WebRTC, MongoDB, Redis

- Built a real-time messaging and video calling system using WebSockets and WebRTC for low-latency communication.
- Designed backend services with OAuth-based authentication and Redis-backed session management.
- Structured the backend to support one-to-one and group communication with scalable session handling.

### DayCache - AI-powered Diary Application | April 2025

Repo: <https://github.com/vinayak-jaybhaye/daycache-fe>

Tech: TypeScript, React, FastAPI, PostgreSQL

- Designed and implemented REST APIs in FastAPI for authentication, data storage, and AI-powered daily summary generation.
- Integrated Gemini API to enable intelligent features including autocomplete while typing, conversational diary queries, and automated entry summaries.
- Built a searchable, chat-style interface to improve diary navigation and content retrieval.

### NesmoConnect – Alumni Connection Platform | March 2025

Tech: React, Firebase, Appwrite

- Built a full-stack alumni–student platform with real-time chat and secure authentication.
  - Managed user data and media storage using Firebase and Appwrite services.
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## Certifications

- Advanced Java Programming – Object-Oriented Design and Problem Solving (130+ Hours)
  - Data Structures and Algorithms in C++ – Scaler
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## Additional

- Solved 550+ problems on LeetCode, primarily focusing on data structures and algorithmic problem solving.