

# Ayush Thakur

Pune, India | +91 8329135518 | [iamayushthakur9@gmail.com](mailto:iamayushthakur9@gmail.com) | [LinkedIn](#) | [Website](#)

## Education

**MIT Arts, Commerce & Science College | Pune, India**

August 2023 – April 2025

Master of Computer Applications - MCA, Computer Science

**Modern college of Arts, Science and Commerce | Pune, India**

August 2020 - April 2023

Bachelor of Computer Application - BCA, Computer Science

## Experience

**Software Engineer**

April 2023 - present

**OzoneApi | Pune, India**

- Delivered key features for mission-critical projects contributing to Open Banking integrations adopted by top financial institutions. Independently led the **Colombia Open Banking implementation**, completing the project by taking over the lead accelerating go-live timelines.
- Enhanced **core platform performance** by optimizing key APIs, reducing response times and TPS bottlenecks, resulting in improved scalability and service reliability.
- Played a vital role in release cycles by collaborating with senior engineers and owning pre-release validations and test coverage improvements. Mentored junior engineers during onboarding, supported cross-team initiatives and code reviews.

**Software Engineer Intern**

April 2022 - April 2023

**OzoneApi | Pune, India**

- Designed and implemented the **Webhook Notification System** from scratch, enabling real-time event communication and streamlining partner integrations.
- Contributed to infrastructure and debugging efforts, including **CRLSync** challenges and **NGINX-based service configurations**, improving service reliability.
- Demonstrated rapid learning and strong ownership, transitioning seamlessly into a full-time engineering role.

**Software Engineer Mentee**

Nov 2021 - March 2022

**Mandrake Technology Consulting LLP | Pune, India**

- Built the Doc Manager Project
- Learned the way of building the product by building it.

## Projects

**Doc Manager**

Nov 2021 – March 2022

- Technologies:* Node.js, React.js, MongoDB
- Built a document management system to organize and manage government files, enabling secure file uploads, categorization, and retrieval through a responsive UI and RESTful backend.

**Weather Forecast Web Application**

Aug 2020

- Technologies:* JavaScript, HTML/CSS, OpenWeatherMap API
- Developed a responsive web app that fetches real-time weather data using the OpenWeatherMap API, featuring city-based search, temperature display, and dynamic UI updates.

**Hotel Management System**

Jan 2021 – April 2022

- Technologies:* C++, MySQL
- Built a modular hotel management system with C++ for handling bookings, billing, and customer records, using SQL for data persistence and structured storage.

## Publications:

- Ayush, T.**, Harsha P., Vikas M. et al. Deep Reinforcement Learning in Autonomous Car Path Planning  
<https://ijarsct.co.in/A22381.pdf>

## Skills

**Programming:** Javascript, Typescript, Java, Python, C, C++, Go, Rust, HTML5, CSS3, SQL, React, MongoDB

**Frameworks:** Open banking Platforms, Backend, GitHub, NodeJs, Docker, TerraForm, Bitbucket, Nginx, CI/CD

**Misc:** Mentoring, Production Support and Release Coordination, Open Banking, Open Finance, OpenId Connect, AGILE, Business Development, Team Management, Machine Learning