

# AYUSH SHARMA

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## Education

**Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University**

*B.Tech in Computer Science and Engineering with specialization in AI & ML, CGPA: 7.59/10*

**September 2022 – Present**

*Nerul, Navi Mumbai*

**Delhi Public School**

*12th Grade, Percentage: 87.8%*

**May 2019 – July 2021**

*Nerul, Navi Mumbai*

**Don Bosco Senior Secondary School**

*10th Grade, Percentage: 91.8%*

**May 2007 – April 2019**

*Nerul, Navi Mumbai*

## Experience

**Vector Consulting Group**

*Software Development Intern*

**January 2025 – Present**

*Thane, India*

- Collaborating with cross-functional teams across multiple dimensions to deliver comprehensive solutions
- Utilizing **Python, SQL, ReactTS, Django, and Batch Script** to develop, automate, and optimize processes for data management and analysis.

**RVNetworking**

*Web Development Intern | Internship Certificate*

**October 2024 – December 2024**

*Navi Mumbai, India*

- Designed and developed **full stack websites** for various clients, and helped them with SEO.
- Worked on **high-impact projects** like DY Patil Deemed to be University's Incubation Center's (Innovation Foundation) official website.

## Projects

**AI-driven adaptive testing system** | *Python, TensorFlow, Django, ReactNative*

**October 2024 – Present**

- Implementing AI driven adaptive learning system.
- Takes the context from the user and provides adaptive tests according to that.
- Going for publishing a research paper on the same.

**Mitihar** | *ReactNative TS, FastAPI, Machine Learning | Demonstration*

**September 2024 – March 2025**

- Provides custom nutritional diet according to the user's health conditions and preferences.
- Delivers the food to the user's desired location.
- Tracks the user over time to check for improvements.

**calendara** | *MERN Stack, Node libraries, Render*

**December 2024 – March 2024**

- An **event tracking and management** app.
- Users can upload **.xlsx or .csv** files to upload all the events on the calendar directly.
- Provides a **dashboard** to the user explaining all the events that are completed/not-completed/ongoing.
- Sends **email reminders** according to the custom reminder dates provided by the user.
- Have applied for a *copyright* for the same.

## Technical Skills & Certifications

**Languages:** Python, JavaScript/TypeScript, Java/C#, SQL, C/C++, Go, HTML & CSS

**Frameworks:** MERN, ReactNative, Django, TensorFlow, Flask, .NET, Springboot

**Tools:** Git, Docker, Kubernetes, Alteryx, PowerBI

**Technologies:** Full Stack Web Development, Cross Platform Mobile Development, AI/ML, NLP, Cloud Computing, Cybersecurity

**Methodologies:** SDLC - Agile, DevOps, Code Testing

**edX:** CS50's Introduction to Programming with Python, IBM's Introduction to Data Science, IBM's Machine Learning with Python, IBM's Agile and Scrum Fundamentals, IBM's DevOps Basics for Everyone

**AWS Academy:** Cloud Fundamentals, Machine Learning Foundations

**Alteryx:** Designer Core Certified, Machine Learning Fundamentals

**Palo Alto Networks:** Cybersecurity Foundation, Network Security Fundamentals, Security Operations Fundamentals

## Leadership

**CSI-RAIT**

*Research Head*

**August 2024 – Present**

*Nerul, Navi Mumbai*

- Working on two research projects.
- Managing, helping and mentoring various teams in their research.

**DPS**

*Co-founder of various clubs*

- Co-founder of The Coding Club & The Chess Club.

**2019-2020**

*Nerul, Navi Mumbai*

**Don Bosco Senior Secondary School**

*House captain*

- Won the best house award for the term.

**2016-17**

*Nerul, Navi Mumbai*

## Extracurricular

### eYantra EYIC

September 2024 - March 2025

*Reached National Finals in eYantra eYIC*

*Navi Mumbai, India*

- eYantra Innovation Competition - Organized by IIT Bombay
- Reached **National Finals** - top 12 teams out of 304 nation wide.
- Made **Mitihar** - a custom nutritional diet provider and food delivery app for the same.

### InnovateYou Techathon - Hackathon

February 2024

*Qualified till the 2nd round*

*Innovation Foundation, Pune, India*

- Worked on Mitahar - a custom nutritional diet provider and food delivery app.

### Conducted C Programming Language Workshop

October 2024

*Taught First Year students*

*CSI-RAIT*

- Taught the participants about C language and its paradigms.
- Helped the participants with code debugging and doubt solving.

### Conducted DotBlend Workshop

March 2024

*Taught Blender*

*CSI-RAIT & The Wall RAIT*

- Taught the participants about Blender.
- Practised learning-by-doing principle.

## Hobbies

Programming, Guitar, Reading, Gaming