Aditya Ojha

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Bachelor of Engineering

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EDUCATION

•**Bachelor of Engineering in Information Technology** *2022-2026*

Don Bosco Institute of Technology, Mumbai CGPA: 8.9

PROJECTS

•**TrendSight - Stock Market Analysis Tool (Version-II)** *Jan 2024 - Apr 2024*

An advanced stock analysis platform offering real-time insights and personalised portfolio tracking.

– Integrated technical indicators like RSI, EMA10–EMA200, and Relative Strength for accurate analysis.
– Built a personalised portfolio system with summary stats and historical trend graphs.
– Technology Used: Python, Django, Tailwind CSS, Pandas, NumPy, Matplotlib

•**Digitrax II - Smart Attendance System (Innoquest Winner)** *July 2024 - Oct 2024*

A role-based smart attendance platform built for engineering institutes with real-time dashboards.

– Supported lab batches, minors, electives, and real-time dashboards for Students, HODs, and the Principal.
– Technology Used: Django REST Framework, JavaScript, Python, Matplotlib

•**HeartCare AI – ECG Beat Classification (Ongoing)** *Jan 2025 - Present*

A machine learning system to classify ECG heartbeats and detect cardiac abnormalities.

– Currently extending to multi-class classification for detecting types of cardiac irregularities.
– Technology Used : Node.js, Express.js, React.js, MongoDB, Plotly, Scikit-learn

EXPERIENCE

•**Backend Developer Intern** *Feb 2025 - Present*

Advertyzement Remote
– Developed scalable REST and GraphQL APIs using Django, improving response times by 20% through efficient schema and modular design.
– Designed clean database models and reusable components adhering to DRY principles for maintainability.
– Collaborated with frontend teams for seamless integration, validated APIs via Postman, and followed Agile workflows using GitLab.
– Technology Used: Django, GraphQL, Python, Postman.

• **AICTE– Cloud Virtual Internship (AWS)** *Jan 2024 - Sept 2024*

AICTE-Eduskills Online

• **AICTE– Data Analytics Process Automation (Alteryx)** *Apr 2024 - June 2024*

AICTE-Eduskills Online

TECHNICAL SKILLS AND INTERESTS

Languages : Java, Python, Javascript
Libraries : Pandas, Numpy, Matplotlib
Tools & Platforms : Git, GitHub, VS Code, Postman
Frameworks: Django, Django REST Framework, Express.js, Node.js
Databases : MySQL, PostgreSQL, SQLite, MongoDB, MS SQL

POSITIONS OF RESPONSIBILITY

•**Technical Head** CSI - DBIT *Aug 2024 - July 2025*

– Organised technical workshops, hands-on coding contests, and guest speaker sessions.
– Managed backend infrastructure and deployment for both online and offline technical events.

• **Event Coordinator** Innovex Final Year Project Exhibition, DBIT *Apr 2025*

– Designed and maintained the official e-brochure for two consecutive editions of Innovex.
– Coordinated logistics across 20+ project teams, faculty members, and judges to ensure smooth event execution.

ACHIEVEMENTS

•**Finalist – Code Odyssey 3.0** *Nov 2024*