Aditya Awhad

Full Stack Developer | Data Analyst | Cybersecurity | BE- IT Mumbai University

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PROFESSIONAL SUMMARY

Final-year IT Engineering student with a minor in AI & Data Science, passionate about architecting full-stack solutions that are both performant and scalable. Eager to apply expertise in the MERN stack, Python, and system optimization in a Full-Stack Developer internship. Proven ability to drive tangible results, having engineered a backend that slashed data latency by 60% and spearheaded a tech initiative that engaged 500+ participants.

EDUCATION

Atharva college of Engineering, Mumbai *August 2022 – May 2026*

Bachelor of Engineering (B.E.) in Information Technology – 7.01/10

Minor Specialization: Artificial Intelligence & Data Science

SKILLS

- **Programming Languages:** Python (Advanced) · JavaScript · C
- **Frameworks & Libraries:** React.js · Node.js
- **Software & Tools:** Excel · Tableau · Power BI
- **Operating Systems:** Windows · Linux (Ubuntu, Kali)
- **Databases & Data Management:** SQL · MongoDB
- **DevOps & Tooling:** Git · GitHub · Docker

PROJECTS

SpotiSurf · Full-Stack Web Application *January 2024 – April 2024*

Technologies: Node.js, TypeScript, React, Python, Spotify API (OAuth2, JWT), MongoDB, Docker

A web app that provides Spotify users with deep analytics and personalized playlist recommendations based on their listening history.

- **Engineered** a secure OAuth 2.0 and JWT-based authentication flow with Spotify's Web API to fetch and manage user data (playlists, listening history, audio features).
- **Developed** and exposed a set of RESTful endpoints to enable full CRUD (Create, Read, Update, Delete) operations on users' Spotify playlists.
- **Designed and built** a dynamic React frontend to visualize personalized listening statistics and song recommendations, **leading to a 45% increase in user engagement during testing.**

YTDownload · Browser Extension & Web Service *June 2023 – August 2023*

Technologies: JavaScript, Python, Flask, HTML5, CSS3, yt-dlp, REST APIs, Chrome Extensions API

A browser-based tool that allows users to easily discover and download media from YouTube in any available format with optimized performance.

- **Architected an intelligent URL detection system** that automatically parses the active browser tab to identify YouTube videos and trigger the download interface.
- **Implemented a comprehensive format parser** leveraging the yt-dlp library to fetch and display every available audio and video quality option, giving users maximum flexibility.
- **Optimized download performance** by designing an asynchronous task-handling system in the Flask backend, reducing average media retrieval times by 25% and preventing UI blocking.

LEADERSHIP & EXPERIENCE

Director, Innovation & Entrepreneurship Cell Atharva College of Engineering 2024 - Present

- **Led a cross-functional team of 90+ students** to plan and execute two university-level tech festivals, managing logistics, marketing, and technical infrastructure.
- **Mentored 15+ junior team members** in project management and public speaking, fostering a collaborative and high-performing team culture.