

# AYUSH CHATURVEDI

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## Education

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**Devi Ahilya Vishwavidyalaya , Indore**

*Bachelors in Computer Application*

**2020 - 2023**

*7.8/10 CGPA*

**RKDF university , Bhopal**

*Masters in Computer Application*

**2023 - Ongoing**

*8.2/10 CGPA*

## Work Experience

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**WASSERSTOFF RJ INNOVATIONS PRIVATE LIMITED**

**February 2024 – Ongoing**

*Backend Developer*

Internship - February 2024 – August 2024

- Worked extensively on web scraping, including data extraction for legal AI applications.
- Developed scrapers for Lex.ai, a legal GPT-based system, to collect case laws and legal documents.
- Built foundational backend routes for Lex.ai, ensuring smooth data integration with the AI model.
- Contributed to Buxa.ai, a collection of AI-powered tools including:
  - \* An AI-based article writer that generates content from live web data.
  - \* A podcast generator that transforms text into audio content.
  - \* A research paper generator that compiles structured academic papers.

Backend Developer - September 2024 – Ongoing

- Developing scalable backend solutions for multiple live projects, ensuring high performance and security.
- Key projects:
  - \* **Astrix** - A blockchain-integrated ticketing platform.
    - Implemented blockchain-based transactions for secure ticket purchases.
    - Developed a marketplace where fans can resell tickets.
    - Built a community feature to enhance user engagement.
  - \* **Shelfex** - A product sales accuracy and tracking system.
    - Developed the backend for both mobile and web applications.
    - Implemented a task assignment system where admins allocate store visits to employees based on regions.
    - Optimized data handling for tracking sales across different outlets.
  - \* **Networth** - A mobile app for bank card recommendations and offers.
    - Built a backend system for fetching and analyzing bank card offers.
    - Integrated various banking networks like Visa and Mastercard.
    - Developed logic to suggest the best-suited credit/debit cards based on user profiles.

## Projects

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### Astrix

- \* Developed a ticketing platform where event organizers can create and sell tickets.
- \* Enabled direct interaction between users and organizers, fostering engagement.
- \* Integrated **blockchain** to record transactions securely and transparently.
- \* Built the **Astrix Community**, allowing users to connect and discuss events.
- \* Implemented a **ticket resale marketplace**, enabling fans to buy and sell tickets.

## Shelfex

- \* Developed a sales tracking system for large corporations to monitor product distribution across India.
- \* Designed a **hierarchical admin system** where region-wise admins oversee surveyors.
- \* Built a mobile app for **real-time data collection** by surveyors, including photo, video, and manual input submissions.
- \* Integrated AI-driven analysis to extract metadata from images and videos, providing insights such as **bottle count and outlet stock status**.
- \* Streamlined **survey assignments**, allowing admins to allocate tasks based on region and store locations.

## Networth

- Built a mobile application that helps users find the **best-suited bank cards** based on their needs (travel, shopping, etc.).
- Integrated offers from multiple banks and networks (**Visa, Mastercard, Amex**), giving users access to **real-time card benefits**.
- Developed an AI-powered chat assistant to help users find relevant offers and card details.
- Implemented **user profile management** with notifications and personalized recommendations.
- Centralized all available bank card details in one place, making it easier for users to compare benefits.

## Technical Skills

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**Languages:** Python, JavaScript

**Backend:** Flask, Node.js, Nest.js, Express.js

**Database:** PostgreSQL, MongoDB, MySQL

**Web Technologies:** Socket.IO, Redis

**Developer Tools:** Postman, VS Code, GitHub