Apurva Wajage

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PROFESSIONAL SUMMARY

Computer Engineering undergraduate with experience building production-oriented software systems, backend services, and API-driven applications. Interned at Accenture, developing Python solutions for real-world data handling and cloud-hosted workflows.

EXPERIENCE

Software Engineer Intern — May. 2025 – Jul. 2025
Accenture — *Pune, Maharashtra*

- Built Python-based automation to validate, correct, and organize structured JSON data, reducing processing errors by **90%+**.
- Designed and deployed a scheduled data pipeline to process hourly datasets, upload corrected outputs to **AWS S3**, and maintain detailed audit logs for anomaly tracking.
- Implemented structured logging for **5+ anomaly categories**, enabling reliable monitoring and significantly reducing manual data handling efforts.

PROJECTS

AI Based Paper Trading System | *Node.js, Express.js, MongoDB, Deep Learning* — Aug 2025 – Present

- Architected a backend system to ingest real-time market data and simulate order execution, supporting sub-second data updates during active trading sessions.
- Building a trade journal service to store and analyze **1000+ simulated trades**, enabling automated classification of trade outcomes and performance trends.
- Integrating financial news sentiment signals to enrich trade evaluation, targeting **80% accuracy** on labeled market news data.

Expense Tracker System | *Python, Django, PostgreSQL* — Feb 2025 – Apr 2025

- Implemented backend workflows to extract and persist transaction records from bank statement PDFs, reducing manual entry effort by **80%+**.
- Defined relational database schemas handling **1000+ transactions** with indexed queries for category-wise and time-based expense analysis.
- Developed aggregation endpoints to compute spending summaries and trends, improving financial insight generation by **60%**.

Crypto Price Tracking and Logging System | *Python, REST APIs* — May 2025 – Jul 2025

- Integrated external cryptocurrency APIs to collect real-time pricing data for **10+ assets** at 15-minute intervals.
- Stored **500+ price records per day** in structured flat-file formats to support historical trend and volatility analysis.
- Modularized the codebase into reusable components, reducing future feature integration time and simplifying long-term maintenance.

TECHNICAL SKILLS

Programming: Python, C++, JavaScript, SQL
Software & Web Development: Django, Node.js, Express.js, REST APIs, HTML
Databases: PostgreSQL, MySQL, MongoDB
Cloud Platforms: AWS (EC2, S3), Render
Data Processing: Pandas, NumPy
Foundational ML Concepts: TensorFlow, PyTorch, Scikit-learn, NLP

EDUCATION

AISSMS Institute of Information Technology — Pune, Maharashtra
B.Tech in Computer Engineering (CGPA: 8.38) — *Nov 2022 – May 2026*

Higher Secondary Education (Class XII) — Pune, Maharashtra
Percentage: 87.33% — *Jul 2020 – Aug 2021*