

Dev Mehta

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EDUCATION

Bachelor of Science, Information Technology
Pennsylvania State University

Expected Graduation May 2027
GPA 3.8/4

TECHNICAL SKILLS

Languages: Python(3 yrs) · C++ (3 yrs) · Java (1 yr) · JavaScript (1 yr) · Golang (1 yr) · Swift (1 yr) · PHP (1 yr)
Software/Frameworks: AWS · SQL · NoSQL · Node.js · React · Git · Django · Flask · OpenCV · yfinance · Pandas · Kubernetes · Scikit-Learn · Backtrader · Selenium · HTML · CSS · Testing · CI / CD · Data Structures · Docker

PROFESSIONAL EXPERIENCE

Osource Global

Mumbai, India

Software Development Engineer Intern

Jan 2025 – Feb 2025

- **Built an OCR automation system using Amazon Textract and Regex** to extract and parse text from images, auto-populating a SQL database and eliminating manual data entry.
- **Optimized large Excel datasets with NumPy and Pandas**, cleaning inconsistencies and streamlining ingestion pipelines to cut manual processing time by **80%**.

Yes Energy

Auckland, New Zealand

Software Development Engineer Intern

Aug 2024 - Oct 2024

- Developed and maintained backend systems using Django, integrating data pipelines built with NumPy, Pandas, and Matplotlib (Pyplot) to process and visualize business data efficiently.
- Designed and deployed an interactive analytics dashboard that transformed static Excel reports into real-time, dynamic visualizations, improving business insight generation and reducing manual reporting time by 60% while enabling data-driven decisions across multiple teams.

Vertech India

Mumbai, India

Co-Founder and CTO

May 2024 - Jul 2024

- Delivered 5+ professional websites within 3 months using modern web technologies, improving clients' online presence and demonstrating strong project management and collaboration skills.
- led a 4-member tech team (3 engineers, 1 designer), building and scaling products to achieve ₹40,000+ in revenue

N Shashikant & Co (Family Business)

Mumbai, India

Software Development Engineer

Aug 2024 - Present

- Advise management on all **technical and software-related decisions**, ensuring alignment with business goals.
- Leading the development of a **web-based ERP system** using **Django, React, and SQL**, in collaboration with a freelance developer. Reduced **reducing manual data entry by 80%** and cutting **customer turnaround time from 3 days to 1 day**.

Devine Perfumes

Mumbai, India

Founder & CEO

Mar 2018 – May 2019

- Founded a **local perfume brand at age 13**, conducting independent market research to identify niche opportunities in affordable fragrances.
- Achieved production of **5,000+ perfume units** and generated **over Rs.10,000 in gross revenue**.

SELECTED PROJECTS

Smart Canteen Ordering System | Full Stack – [Github](#)

- Developed a Django-based pre-order platform with SQLite backend to let users book meals in advance and receive real-time alerts when orders were ready.
- Reduced cafeteria wait times by ~50% by enabling scheduled pickups, improving overall efficiency and helping students reach lectures on time.

Algorithmic Trading Bot | FinTech - [Github](#)

- Developed Engineered an **algorithmic trading system** applying **Bollinger Band analytics** to identify profitable S&P 500 trades.
- Used **Selenium automation** to execute trades autonomously, enhancing trading speed and consistency

Co – Curricular Activities & Achievements

- 2x Hackathon Finalist
- Class Representative
- Open Source Contributor (Beets)
- Software Developer – Robotic Football Club
- President – Botany Club
- President – Computer Science Assn.
- Kaggle Contributor
- Future Business Leaders of America - Member
- National Level Athlete (U16)