

# VISHAL S. PUTTAGUNTA

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## Education

### The Ohio State University

*B.S. in Computer Science & Engineering*

*Specialization: Artificial Intelligence*

**Expected Graduation: May 2027**

*Columbus, OH*

**Major GPA: 3.87/4.00**

**Relevant Coursework:** Software 1: Software Components in Java, Engineering Calculus 2 & 3, Statistics for Engineers

## Work Experience

### Sherwin-Williams

*Machine Learning Engineer Intern*

**May 2025 - Present**

*Cleveland, OH*

### Lavure

*Founder*

**May 2025 - Present**

*Columbus, OH*

- Built AI-powered tool that takes team performance trends from Supabase and outputs a structured PDF for managers
- Engineered AI logic to compare past data and productivity trends, **driving a 17% increase in average team output**

### Fisher College | Operations and Business Analytics

*Data Engineer Student Assistant*

**Mar 2025 - Present**

*Columbus, OH*

- Scraped pharmaceutical data from XML and JSON files using BeautifulSoup to match NDCs with their manufacturer DUNS number as well as their FDA assigned FEI number, **enabling organized mapping for 400,000+ records**

### ServiQ

*CEO & Co-Founder | May 2025 - Present*

**Dec 2024 - Present**

*Columbus, OH*

- Led team integration with a software company interested in ServiQ, uniting development efforts to enhance the live platform and speed up feature delivery, **resulting in a 45% increase in deadline efficiency**
- Oversaw agile sprints and coordinated social outreach timelines using Trello and weekly stand-ups with members

*Backend Software Developer | Dec 2024 - May 2025*

- Deployed a data-fetching web app with Firebase using Node.js and Express, **handling 100+ tasks dynamically**

### The Ohio State University

*AI/ML Undergraduate Research Assistant*

**Nov 2024 - Apr 2025**

*Columbus, OH*

- Transformed and deployed a scalable data pipeline to **transcribe 10,000+ samples** from the GLUE benchmark into IPA, integrating Hugging Face datasets with custom preprocessing scripts to enable phonetic analysis for NLP research
- Co-authored [research paper](#) introducing a long audio benchmark; **developed script to collect 30,000+ instances**
- **Mentored 4 research assistants** and coordinated weekly meetings to communicate progress and align on project goals

## Leadership Experience

### Undergraduate Research Association

*VP of Outreach & Technology*

**Apr 2025 - Present**

*Columbus, OH*

- Led the development of the official website, **boosting early member engagement by 40% in the first month**
- Established partnerships with professors across 5 departments to help undergraduates find tailored research positions

### Mount Leadership Scholars Society

*Financial Coordinator*

**Aug 2024 - Present**

*Columbus, OH*

- **Chosen as 1 of 100 students** to a competitive scholar program based on leadership qualities and community service

## Projects

### Vacation Rental Web Platform | HTML, JavaScript, CSS, Node.js

**Apr 2025**

- Developed a website for a Florida rental property, **driving a 35% increase in reservations within 3 weeks**

### AI-Enhanced Wellness Coach | PyTorch, JavaScript, HTML, CSS, GPT-4o

**Oct 2024**

- Developed app that uses machine learning to create workout plans, **improving recommendation accuracy by 15%**

### Personal Financial Advisor | Python

**May 2024**

- Developed a Python application to analyze income and spending distribution, **optimizing budget allocation by 30%**

## Technical Skills

**Languages:** Python, Java, C/C++, SQL (Postgres), JavaScript, HTML/CSS, MATLAB

**Tools & Frameworks:** PyTorch, React.js, Node.js, CI/CD, AWS, Git, Azure, SQL/NoSQL (Postgres, MongoDB, Firebase)

**Certifications:** AWS Certified Cloud Practitioner, PCEP – Certified Entry-Level Python Programmer