

# Muhanad Yennes

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## EDUCATION

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**Louisiana State University (LSU), Baton Rouge, LA**

GPA: 3.5 | Expected Graduation: **May 2026**

**Bachelor of Science** in Computer Science, Software Engineering Concentration

**Related Coursework:** *Data Structures & Algorithms, Systems Programming (C/Linux), Object Oriented Design, Computer Organization and Design, Interface Design and Technology*

**Awards and Honors:** *\$1,000 BASF STEM Scholarship*

## SKILLS

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- **Programming Languages:** JavaScript, Typescript, Python, Java, HTML, CSS, XML
- **Frameworks:** React.js, Node.js, Bootstrap, Next.js, FastAPI, Flask
- **Databases and Cloud:** Firebase, Supabase, SQL, PostgreSQL, Vercel, S3
- **Development Tools:** Git, Linux, JIRA, Azure DevOps, Docker, Github Actions, Postman, Claude Code, Cursor
- **Methodologies:** Agile SCRUM, REST API Design, CI CD Concepts, Unit Testing, TDD

## EXPERIENCE

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**Nola Education** – *Software Development Intern*

**May 2025 – Aug 2025**

- **Developed** a **serverless VTT generator** using **FastAPI**, **Vercel Cron Jobs**, and **OpenAI Whisper**, later integrating local models to process more than 1,000 media files while eliminating API costs.
- **Collaborated** with cross-functional teams in an **Agile SCRUM environment**, participating in sprint planning, code reviews, and retrospectives to improve delivery efficiency and communication.
- **Built** a **Python Playwright scraper** to migrate images from a legacy Althea database to Odoo through API integration, **reducing manual transfer time by 80 percent**.
- **Configured** a local **Moodle learning management system** with MAMP and PostgreSQL for Star Academy course integration and testing.
- **Accelerated** development by using **Claude Code** and **Cursor** to scaffold codebases and generate documentation, **reducing setup time by 60 percent**.
- **Improved QA efficiency** by documenting user stories in **Azure DevOps** and streamlining communication between developers and content teams.

**LSU Center of Academic Success** – *Student Mentor*

**Aug 2023 – May 2024**

- **Conducted** weekly office hours assisting more than 20 students with study strategies and course planning, **achieving a 95 percent success rate among mentees**.
- **Maintained** progress reports and follow ups to track academic performance and support student retention.
- **Strengthened** leadership and communication skills through mentorship and collaborative problem solving.

## PROJECTS

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**Amazon Seller Notification Service** | *Full-Stack Developer*

**Tech Stack:** Python, FastAPI, Supabase, Vercel, Telegram Bot API

*Personal Project*

- **Engineered** a **Python-based notification system** using **Amazon SP API** to send real-time **Telegram alerts** for new orders.
- **Integrated Supabase** for order tracking and deduplication while automating data logging of order IDs and totals.
- **Deployed** the system on **Vercel** as a fully automated, maintenance-free, and cost-effective solution.
- **Utilized Postman** to test and validate **REST API endpoints**, ensuring accurate data exchange and seamless integration.

**TeamCode** | *Project Manager and Full-Stack Developer*

**Tech Stack:** Next.js, TypeScript, React, Firebase

*LSU Capstone Project*

- **Led** a team of five to design a collaborative task management web application with real-time category tracking and assignment features.
- **Developed** core frontend components including a dynamic sidebar and routing using **Next.js**, **TypeScript**, and **React**.
- **Implemented Firebase Firestore** for secure task storage and efficient user interface rendering with live updates.
- **Facilitated** Agile sprint planning and daily meetings to maintain project momentum and alignment.

## ACTIVITIES

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- **Third Place**, WICS Geaux Hack the Globe 2024 and awarded **Best Presentation**
- **Third Place**, WICS Hackathon 2025 Intermediate Division
- **Member**, Google Developer Student Club