

Muhanad Yennes

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EDUCATION

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

- **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

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

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

- Third Place, WICS Geaux Hack the Globe 2024 and awarded Best Presentation

- Third Place, WICS Hackathon 2025 Intermediate Division

- Member, Google Developer Student Club