

KARL AUSTIN B. PAVIA

Blumentritt Street, Naga City, Philippines, 4400 [GitHub:github.com/auxomeness](https://github.com/auxomeness)
C • C++ • Java • Python • JavaScript • TypeScript • React • Flask • PostgreSQL • MySQL • ExpressJS • Supabase

SUMMARY

A disciplined and committed Information Technology student with strong experience in software development, graphic design, and technical support. Experienced in building full-stack applications, leading creative teams, and delivering high-quality digital solutions. Skilled in system design, troubleshooting, and user-centered development. Known for being punctual, detail-oriented, and a fast learner with strong initiative.

EXPERIENCE

Back-end AI Engineer Intern, Flyrank AI - Selected for backend AI engineering internship - Undergoing onboarding and technical training - Developing backend features using Next.js	June 2026 – Present
IT Support Specialist, RSBN Angel Travel and Tours - Troubleshoot hardware and software issues across office systems - Maintain system reliability, performance, and security - Assist in setup and configuration of digital workflows and tools	Nov 2025 – Present
Graphic Artist, ThePILLARS Publication - Designed publicity materials for events and campaigns - Contributed to brainstorming and creative planning - Served as Project Head for major initiatives - Ensured alignment with brand identity and messaging	Sep 2024 – Present
Head Graphic Artist, SURAT Publication - Spearheaded redesign of logo, visual identity, and design system - Managed and reviewed all graphic outputs before publication - Directed layout and publication materials - Led and mentored the Graphics Team	Jun 2023 – Jun 2024
Computer Technician & Digital Service Assistant, Pavia’s Store and Net Shop - Diagnosed and repaired computer hardware and software issues - Built and configured computer systems - Delivered services including printing, scanning, encoding, and data entry - Assisted customers with technical concerns and ensured service quality	Mar 2020 – Jul 2024

SOFTWARE ENGINEERING PROJECTS

LUMEN Full-Stack Student Productivity Application - Built a full-stack system for scheduling, task management, and productivity tracking - Implemented smart scheduling, calendar integration, and workload analytics - Designed a premium UI/UX with focus on usability and performance - Used technologies such as React and modern frontend architecture with APIs
EXPY Expense Tracking Application - Developed a client-server architecture for financial tracking - Implemented transaction management, categories, and threshold alerts - Designed backend logic for secure and scalable data handling • Focused on user behavior tracking and financial insights
APoS Web & Mobile Pre-Order System - Built a mobile-first ordering system with real-time interaction - Redesigned UI/UX to achieve a premium and modern user experience - Optimized frontend performance and usability - Ensured smooth ordering flow and system responsiveness

COMPETITION

ICPC Asia-Manila Regionals 2025

- Represented Ateneo de Naga University in the international ICPC programming competition
- Solved complex algorithmic and programming problems in a competitive regional setting
- Demonstrated skills in data structures, algorithms, optimization, and logical problem solving

IBM BOB Hackathon 2026 | Team AVON (*Global*)

Compass AI – AI-Powered Developer Onboarding Platform | Backend & Logic Developer

- Certification of Completion
- Developed backend logic for an AI-powered platform that helps developers understand unfamiliar codebases through interactive dependency maps.
- Collaborated with an international team to build a working prototype using **IBM WatsonX**, **FastAPI**, and **Next.js** within the hackathon timeframe.

IBM BOB Hackathon 2026 | Team AVON (*Global*)

Compass AI – AI-Powered Developer Onboarding Platform | Backend & Security Research

- Certificate of Participation
- Contributed to backend development, OWASP security research, and vulnerability detection logic for an AI-powered code security scanner.
- Helped build a real-time security analysis platform capable of identifying common vulnerabilities and credential leaks.

AWARDS & ACHIEVEMENTS

- Awarded Third Honors during the First Semester of First Year College
- Awarded Second Honors during the Second Semester of First Year College
- Awarded Third Honors during the First Semester of Second Year College
- Recognized as a Consistent Honors Student throughout Senior High School
- Won 1st Place in Online Publishing at the Congressional Schools Press Conference
- Placed 5th in Online Publishing at the Division Schools Press Conference

EDUCATION

PRIMARY

La Consolacion College Baao Inc.
San Ramon, Baao, Camarines Sur

SECONDARY

La Consolacion College Baao Inc.
Science, Technology, Engineering, and Mathematics Strand San Ramon, Baao, Camarines Sur

TERTIARY

Ateneo de Naga University
Bachelor of Science in Information Technology, Batch 2028
Ateneo Avenue, Bagumbayan Sur, Naga City

SKILLS Technical Skills

- Programming: C, C++, Java, Python, JavaScript, TypeScript, HTML5, CSS3, SQL
- Frameworks & Libraries: React, Next.js, Node.js, Express.js, Flask, Tailwind CSS
- Databases: PostgreSQL, MySQL, Oracle Database, MongoDB, Supabase, SQLite
- AI & Backend: REST APIs, Large Language Models (LLMs), IBM watsonx, AI Integration, Prompt Engineering
- Tools & Platforms: Git, GitHub, Vercel, Figma, Postman, Ollama
- Concepts: Full-Stack Development, Backend Development, Responsive Web Design, UI/UX Design, API Integration, Authentication, Agile Collaboration

CORE SKILLS

- Problem Solving
- Leadership
- Full-Stack Development
- AI Application Development
- Team Collaboration
- Adaptability
- Attention to Detail