



WINDA VANECYA SEMBIRING

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PROFILE

I am a 5th-semester Information Technology student with a strong focus on Quality Assurance, holding a GPA of 3.03/4.00. Experienced in analyzing software performance, identifying issues, and ensuring product quality and reliability. I demonstrate strong collaboration and communication skills, contribute effectively in team-based development projects, and continuously seek to expand my knowledge of software quality principles and best practices

EDUCATION

Diploma in Information Technology | Laguboti, Toba, Sumatera Utara Aug 2023 - Sept 2026 (Expected)

Diploma in Information Technology, 3.03/4.00

- Relevant courses: Software Engineering, Quality Assurance, Human-Computer Interaction, Database Systems, and Web Development.
- Committee Member, 2023, Del Software Development Community, Information Technology Student Association
- Developed web and mobile application projects related to coursework and organizational initiatives.

WORK EXPERIENCE

Quality Assurance Internship | Sunbercode

Feb 2025 – Mar 202

- Designed and executed manual and automated test cases for web and mobile applications.
- Identified, documented, and prioritized software bugs to maintain product quality.
- Performed functional, regression, and performance testing using tools like Postman, Cypress, Appium, and JMeter.
- Collaborated with development teams to verify fixes and ensure overall software reliability.

Google IT Automation with Python | Coursea

Aug 2025 – Sep 2025

- Developed and automated system administration tasks using Python, improving efficiency in file handling, process monitoring, and log analysis.
- Utilized Git and GitHub for version control, enabling effective collaboration and version tracking in software projects.
- Applied regular expressions, debugging techniques, and error handling to enhance code reliability and maintainability.
- Implemented automation workflows to streamline IT operations, including data processing, testing, and deployment tasks.

ORGANIZATIONAL EXPERIENCE

Del Software Development | Del Institute of Technology

Dec 2023 – Present

Member

- Participated in data analysis and visualization workshops, gaining practical analytics skills
- Collaborated on small projects, improving teamwork and data storytelling abilities

- Designed and produced graduation books for the 2020 and 2021 cohorts, focusing on layout composition, illustrations, and cohesive visual storytelling.
- Created presentation slides and visual materials for graduation and new student orientation events, maintaining consistent branding and design aesthetics.
- Developed digital visuals such as infographics and social media content for the 2024 student welcoming event, reaching and engaging over 500 participants.

SKILLS, LANGUAGES, PROJECTS, & OTHER

- Projects (2023): Design and Development of CV Usaha Muda Website
- Projects (2024): GKPI Sidikalang City Church Website Design and Development
- Projects (2024): Smart Parking IoT Application
- Projects (2024):Digital Library System – Database System
- Projects (2024): Design & Implementation of DelCheckIn Application
- Projects (2025): Development of a Schedule and Task Management Application for SMA Negeri 1 Girsang Sipangan Bolon
- Projects (2025): Design and Development of Rumah Kreatif Toba Website
- Projects (2025):Design and Development of Say Local Application for GEMASTIK Competition
- Projects (2025): Detectin of Indonesian Sign Language Using the YOLOv5 Algorithm
- Projects (2025): Development of a Web-Based Church Information System for HKBP Soposurung Using the Waterfall Methodology
- Achievements (2025): Cybersecuriy | Digital Talent Scholarship
- Achievements (2025): Postman API Fundamentals Student Expert | POSTMAN
- Achievements (2025): Ethical Hacker For Dummies Micro Skill| Digital Talent Scholarship
- Achievements (2025): Advenced Python | Skilvul
- Achievements (2025): Intro to UI/UX| Skilvul
- Hard Skills: Web Development, Backend Engineering, Database Management, IoT System Design, Cloud Deployment, Software Architecture, Data Analytics
- Soft Skills: Analytical Thinking, Communication, Leadership, Collaboration, Problem Solving, Time Management, Adaptability
- Language: Indonesia (Native) / English (Intermediate)