

# WINDA VANECYA SEMBIRING

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Medan, Indonesia

A 5th-semester Information Technology student specializing in Software Quality Assurance and Front-End Development. Experienced in manual testing, API testing, and automation using Cypress and Selenium, and capable of developing responsive and user-friendly web applications. Detail-oriented, adaptable, and fast learner with strong communication, teamwork, and problem-solving skills. Ready to contribute to high-quality software development in a professional environment.

## EDUCATION LEVEL

**Institut Teknologi Del - Laguboti, Sumatera Utara**

**Aug 2023 - Aug 2026**

*Diploma in Information Engineering, 3.03/4.00*

## WORK EXPERIENCE

**Sanbercode - Bandung**

**Feb 2025 - Mar 2025**

*Quality Assurance*

- Completed intensive QA training for web and mobile applications, covering SDLC/STLC, test case design, bug lifecycle, and API testing using Postman.
- Executed automation testing using Cypress, Selenium, Appium, Robot Framework, Katalon, JMeter, and BrowserStack.
- Identified and documented 15+ critical defects, improving overall system stability.
- Conducted performance testing and developed structured QA documentation, increasing test coverage by 30%

**The 6th Bioinformatics and Biodiversity Conference 2025 - Insitut Teknologi Del**

**Nov 2025 - Nov 2025**

*Committee Staff, BBC 2025*

- Coordinated logistics, communication, and participant management for a hybrid international conference with 200+ attendees.
- Supported documentation, session preparation, and overall event execution.
- Strengthened collaboration, communication, and event management skills.

## PROJECTS

**GKPI Sidikalang City Chruch Website Design And Development - Final Project 1**

**Jan 2024 - Jun 2024**

- Developed a responsive website used by 200+ church members to manage member data, schedules, news, and gallery content.
- Executed 50+ manual and automated test cases across 5 core modules.
- Improved front-end performance by 50%, enhancing usability and accessibility.

**Develompment of a Schedule and Task Management Application for SMA Negeri**

**Jan 2025 - Jun 2025**

**1 Girsang Sipangan Bolon- Final Project 2**

- Built an integrated system used by 300+ students and teachers for attendance, schedules, and learning materials.
- Performed functional, regression, and API testing; discovered and documented 35+ defects..
- Increased workflow efficiency by 70% through automated attendance processing.

## ORGANIZATION

**Del Software Development**

**Jan 2024 - Current**

*Member of Web Development*

- Developed & maintained web applications for UMKM clients.
- Collaborated in designing features and improving application stability and functionality.
- Assisted in deployment and conducted quality checks.

Member of Visualization Division

- Created promotional designs, event backdrops, and presentation materials for 500+ participants.
- Collaborated with other divisions to ensure cohesive visual branding and enhance audience engagement.
- Ensured consistent visual identity to increase engagement.

Committee of Cadre Formation, HIMATIF IT Del (2025)

Oct 2025 - Oct 2025

Head of Visualization Division

- Trained 65 first-year students in discipline and leadership under the Martuhan, Maroha, Marbisuk program.
- Collaborated across divisions for program execution.

Skills, Languages & Achievements

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Skills

- Programming Languages : Python, SQL, Java, JavaScript, HTML,CSS
- Technologies : GitHub, Visual Studio Code, Postman, Figma, StarUML, Microsoft Office, Canva, Bizagi, Trello, Notion
- Database : MySQL, SQLite (DB Browser)
- Backend & Api : REST API, JSON, API Testing (Postman), Endpoint Documentation
- Framework and Testing Tools : Selenium, Robot Framework, Katalon Studio, Cypress, Appium, Locust
- Soft Skills : Willingness to learn, Teamwork, Communication, Time Management, Problem Solving, Attention to detail, Adaptability

Language

English (Fluent) | Indonesian (Native)

Achievements

- Google IT Automation With Python | Coursea
- Cybersecurity | Digital Talent Scholarship
- Postman API Fundamentals Student Expert | Postman
- Ethical Hacker for Dummies (Micro Skill) | Digital Talent Scholarship
- Advanced Python | Skilvul
- Introduction to UI/UX | Skilvul