# DIAN ANGGI BELLITA SITANGGANG

**QA Manual & Automation Testing**

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Pematangsiantar, Sumatera Utara, Indonesia

Fresh graduate from **Institut Teknologi Del (Diploma in Information Technology)** with strong interest in pursuing a career as a **Quality Assurance Engineer**. Experienced in **manual testing and API testing using Postman**, with exposure to **test automation tools** such as **Selenium, Katalon Studio, JMeter, and Cypress**. Skilled in **test case design, execution, bug tracking, and UI review**, as well as basic **unit and integration testing** using **Mocha and JUnit**. Possess programming knowledge in **Java, JavaScript, Python, and PHP**, and experience with **SQL databases**. Familiar with **software testing principles and methodologies, SDLC/STLC, and Agile/Scrum workflows**. Highly analytical, detail-oriented, and motivated to **learn new technologies, improve automation skills, and contribute to delivering reliable, high-quality software**. Strong communicator with proven ability to collaborate effectively in a team environment.


## Education Level

**Institut Teknologi Del** - **North Sumatra, Indonesia**                                   Aug 2022 - Sep 2025 (Expected)

*Diploma in Information Technology, 3.45/4.00*

1. **Thesis** :  Design of Event Management Information System and Marketplace Research Center TSTH Using Scrum Methodology
2. **TOEFL ITP** : 480/677 -- Certificate Link
3. Relevant Coursework: **Software Testing and Quality Assurance** (*Pengujian dan Kualitas Perangkat Lunak*), **Software Engineering** (*Rekayasa Perangkat Lunak*), **Software Design** (*Perancangan Perangkat Lunak*), **Database Systems** (*Sistem Basis Data*)


## Experience

**Final Project – Institut Teknologi Del**                                                                Jan 2025 - Jul 2025

*System Analyst & Quality Assurance*

Final project titled "Design of Event Management Information System and Marketplace Research Center TSTH Using Scrum Methodology."

1. **Analyzed and validated** system requirements**,** created functional specifications, flowcharts, and UI mockups using **Figma,** while ensuring alignment between **PRD/FSD, implementation, and user needs.**
2. Designed **30+ functional & black-box testing scenarios** for web and mobile applications, including REST API testing with Postman and payment gateway testing (Midtrans).
3. Conducted **pass-fail testing, bug reproduction, retesting, and regression testing** to ensure system reliability and accuracy.
4. Created structured **Test Case Documentation** and collaborated in Agile/Scrum ceremonies (Daily Scrum, Sprint Planning, Sprint Review).
5. Utilized Jira for bug tracking, task assignment, and progress monitoring.
6. Documented test results and supported **User Acceptance Testing (UAT)**

**PT Umalo Sedia Tekno** -  **Depok, Indonesia**                                                        Aug 2024 - Dec 2024

*IT Engineer Intern*

1. **Developed** a Company Profile website and **Customer Relationship Management (CRM) system** for PT Simplay Abyakta Meditek using **HTML, CSS, JavaScript, PHP, and Laravel**.
2. **Contributed to the development** of e-Commerce platforms for Labtek and Labverse, supported by a **MySQL database**.
3. **Performed manual testing** on the Port Simulator application, including **preparing test cases, reporting results, and documenting bugs.**
4. **Collaborated within a team** and tracked development progress using **GitHub** for version control and task tracking.

**Apple Developer Foundation** -  **Batam, Indonesia**                                              Jun 2024 - Jul 2024

*Bootcamp Participants*

1. **Learned iOS application development** fundamentals with a focus on **game development** using **Swift** and **Xcode**.
2. Enhanced skills in **requirements gathering**, problem definition, brainstorming, storyboard creation, and **UI/UX design**.
3. Developed *Chicken Jump*, a **2D game** where players collect points while avoiding obstacles.
4. **Collaborated in a multidisciplinary team** with mentor guidance to improve coding, design, and project delivery skills.


## Organisational Experience

**Election Commission Chairman of Bem (KPU IT DEL) - Institut Teknologi Del**                    May 2024 - Oct 2024

*Administration Division*

1. Create registration requirements
2. Receiving and selecting candidates who had registered

3. Responsible of 1500 election ballot papers and 1400+ students that attend the election.

**Student Consultative Assembly (MPM IT DEL) - Institut Teknologi Del**          Jun 2023 - Nov 2024
*Administrative and Secretarial Commission*
1. Responsible for assisting the secretary in archiving data relating to documents related to student activities, which consists of activities for managing incoming and outgoing letters, process records, and attendance.
2. Responsible for secretarial duties in the form of correspondence, proposals, LPJ and other related matters

## Skills, Project & Achievements

1. **Hard Skills** (2025): Web App Testing, Manual Testing, Automated Testing, API Testing, Black Box & White Box Testing, Test Case Writing, Bug Reporting, Functional Testing, RESTful API Testing, SDLC & STLC understanding, Basic Java Programming.
2. **Soft Skills** (2025): Passionate, Attention to Detail, Critical Thinking, Communicative, Analytical Skills, Team Collaboration, Empathy, Problem Solving, Fast Learner, Growth Mindset, Intellectual Curiosity, Presentation, Adaptability, Integrity, Time Management.
3. **Software skills** (2025): Postman, Selenium, Katalon Studio, JIRA, Trello, GitHub, Visual Studio Code, JMeter, Junit, Mocha, Cypress, Microsoft Office, Figma.
4. **Languages** : Bahasa Indonesia and English
5. **Certificate of achievements**: https://github.com/Diansitanggang/dokumen-akademik-anggi