# PIERCE JOSSE MAXIMILLIANO GUNTORO

Software Engineer · QA Automation

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## SUMMARY

Software Engineering student at BINUS University (7th semester) and QA Specialist intern at 99 Group, automating web and mobile tests with WebdriverIO, Appium, and Cucumber. Strong foundations in programming, system design, and software development methodologies, with experience building user-centered applications and a focus on clean, maintainable code. Enthusiastic about collaboration, emerging technologies, and applying computer science concepts to solve real-world problems.

## PROFESSIONAL EXPERIENCE

**QA Specialist Intern** — 2026 – Present
99 Group (99.co, Rumah123, SRX) · Jakarta, hybrid

- Automate end-to-end tests for web and mobile (Android and iOS) with WebdriverIO, Appium, and Cucumber.
- Write feature files, step definitions, and page objects; analyze failed runs to fix broken tests and report bugs.

**Freelance Computer Technical Specialist** — Mar 2018 – Present
Self-employed · Bekasi, on-site

- Deliver technical services including custom PC/laptop assembly, maintenance, repasting, and hardware diagnostics.
- Troubleshoot and optimize software systems, improving client satisfaction and efficiency.

**Video Editor** — Feb 2020 – Apr 2024
Teddy's Baby Shop · Freelance, remote

- Edited and optimized marketing content for children's toy products, from remote control cars to educational toys.
- Produced promotional videos and product descriptions, enhancing digital presence and customer engagement.

## ACHIEVEMENTS & PROJECTS

**GEMASTIK XVIII 2025 Competition – Smart Device, Embedded System & IoT** — Jul 2025 – Present
Indonesian Ministry of Higher Education, Science, and Technology

- Developed "JOSSH", an IoT smart cane using a Raspberry Pi/Arduino hybrid architecture and a real-time deep learning model (YOLOv8) to assist visually impaired users.

## ORGANIZATION EXPERIENCE

**Publication Manager** — Apr 2025 – Present
HIMTI BINUS University

- Develop and execute the TikTok content strategy for the Computer Science Student Association.
- Create engaging video content on student life, events, and academic activities.
- Collaborate with team members and event teams to produce promotional content.

## SKILLS

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|---|---|
| **Languages** | Python, Java, C++, JavaScript, TypeScript, HTML, CSS, SQL |
| **Frameworks & Tools** | React, Next.js, Tailwind CSS, Node.js, Git & GitHub, Figma |
| **Test Automation** | WebdriverIO, Appium (Android & iOS), Cucumber (Gherkin, BDD), Selenium WebDriver, BrowserStack, Allure Reports, UiPath (RPA) |
| **Hardware & IoT** | PC Hardware & Technical Support, Raspberry Pi, Arduino, YOLOv8 |
| **Creative** | Premiere Pro, After Effects, Photoshop |
| **Soft Skills** | Teamwork & Collaboration, Communication, Problem-Solving, Adaptability, Responsibility & Accountability |

## EDUCATION

**Bachelor of Computer Science in Software Engineering** — Sep 2023 – Feb 2027 (expected)
BINUS University

- Relevant coursework in Programming, System Design, and Software Development Methodologies.
- Current GPA: 3.5