

Tran Nhat Tien

DevOps Intern

 [GitHub](#) |  [LinkedIn](#) |  [Portfolio](#) |  trannhattien.2004tv@gmail.com

Education

SaiGon University

Bachelor of Engineering in Software Engineering

Expected Graduation: 2026

Ho Chi Minh City, Vietnam

Technical Skills

Languages: Python, Java, PHP, JavaScript

Framework: ReactJS, Django

Databases: MySQL, SQL Server, PostgreSQL

Tools: Git/GitHub, VS Code, Eclipse, Postman, Cursor

Testing:

- **Manual Testing:** Test Case Design, Test Execution, Defect Reporting
- **API Testing:** Postman
- **Automation Testing:** Selenium WebDriver, JUnit

Projects

Spotify Music Platform | *Python, Django, ReactJS, PostgreSQL, Gemini AI, Git, AWS*

Feb. 2025 – Apr. 2025

- **Role: Leader** in a team-based academic project developing a music streaming platform
- Developed backend APIs using Django for user authentication, playlist management, and song streaming
- Built responsive frontend components with ReactJS to enhance user interaction and experience
- Integrated PostgreSQL for real-time data storage and optimized CRUD operations
- Implemented Gemini AI for A2A real-time chat, it suggests songs and singers
- Deployed application on AWS

MiniMart Tester | *Java, JUnit, Selenium, Git, Eclipse*

Aug. 2024 – Dec. 2024

- **Role: QA Tester** in a team of 4 for a supermarket management system project
- Designed and executed functional test cases for inventory and sales modules
- Automated test scenarios using JUnit and Selenium WebDriver to reduce manual efforts by 60%
- Collaborated with developers to identify and fix 15+ critical bugs, improving overall system reliability

LibraryManager | *Java, Java Swing, MySQL, Git, Eclipse*

Aug. 2024 – Dec. 2024

- **Role: Developer & Tester** in a team-based academic project
- Developed a desktop library management app supporting book lending, returns, and user registration
- Integrated MySQL for real-time CRUD operations and ensured data integrity
- Performed manual testing on core functionalities and enhanced UI/UX for administrators
- Helped reduce user confusion and increase task completion speed by 30%

MemeTicket | *PHP, CSS, JavaScript, MySQL, Git, VS Code*

Feb. 2024 – May 2024

- **Role: Developer & Tester** in a solo web application project
- Built a responsive movie ticket booking system with real-time seat selection
- Connected frontend to MySQL via PHP to store ticket data and user accounts
- Conducted manual and functional testing on booking process, login/logout, and payment logic
- Improved performance to handle 20+ concurrent users during booking sessions

Hobbies

- Solving logic puzzles and Sudoku to enhance problem-solving skills
- Reading technology and DevOps books to stay updated on automation and infrastructure trends
- Exploring CI/CD tools and cloud platforms to improve deployment workflows
- Contributing to open-source DevOps projects to collaborate on automation scripts
- Practicing mindfulness and light exercise to maintain focus in fast-paced environments