PHILIP ELSON BUNTHARA

Jakarta, Indonesia

philipbunthara@gmail.com • philipelsonn.github.io • linkedin.com/in/philipbunthara/

Results-driven and detail-oriented final-year student with 3+ years of experience in developing web applications and improving development productivity through test automation frameworks. Strong communication skills with a proven track record of collaborating with cross-functional teams. Passionate about building efficient software.

EDUCATION

Bachelor of Computer Science, Binus University   **Sep 2020 – Jul 2024 (Expected)**

- Cumulative GPA: 3.83 / 4.00
- Relevant Coursework: Algorithms and Programming, Data Structures, Code Refactoring, Computer Networks, Database Systems, Object Oriented Programming, Operating Systems, Software Design Patterns

EXPERIENCE

Software Development Engineer in Test Intern, Blibli.com   **Feb 2023 – Feb 2024**

- Developed, maintained, and managed a comprehensive suite of 8 automated tests for both frontend and backend services, increasing test coverage by 55% and reducing 5+ hours of weekly manual testing efforts
- Spearheaded the development of modular and reusable components by leveraging SOLID and clean code principles, reducing overall development time and code redundancy by 50% while improving maintainability
- Integrated both UI and API automated tests seamlessly into the CI/CD pipeline, leading to early defect identification and reducing potential post-release defects that could affect millions of users
- Implemented parallel execution on test automation projects, drastically reducing average runtime by 60%, allowing for more frequent testing and faster feedback loops
- Defined, documented, and executed 30+ extensive test cases based on product design and requirements
- Assisted in code reviews and debugging, providing constructive feedback to improve overall code quality
- Collaborated with developers to reproduce and debug complex issues, contributing to faster resolution

Assistant Manager of Information Technology Division, Binus English Club   **Mar 2022 – Feb 2023**

- Led a team of 6 to enhance the user experiences of 500+ users by overseeing the redesign of the recruitment website home pages and dashboards for both user and admin interfaces, optimizing usability and navigation
- Developed and delivered a web development training program for 10 club members, enabling them to successfully build and launch future club-related projects using Laravel MVC and MySQL

Scholarship Mentor, Binus University   **Mar 2022 – Feb 2023**

- Provided one-on-one mentoring to 3 students, guiding them through fundamental concepts of programming in C and covering key data structures and algorithms, leading to an increase in final course grade

Staff of Information Technology Division, Binus English Club   **Mar 2021 – Mar 2022**

- Designed, developed, and maintained 2 full-stack web applications, enabling seamless registration processes for almost 2000 users while also providing efficient administrative functions for the organization

PROJECTS

BNEC Recruitment Website

- Devised and implemented an end-to-end registration process for new members by developing user-friendly application forms, streamlining the whole recruitment process from initial sign-up to profile completion
- Architected a robust role-based access control system, allowing for the management of user permissions
- Optimized data management by integrating data filtering and exporting features in the admin dashboard

The 2022 Asian English Olympics Website

- Built a "Contact Us" feature, enabling website visitors to submit questions directly through the platform and allowing admins to promptly receive and respond to user inquiries without leaving the website
- Developed an admin dashboard to track and manage user data, submissions, and application processes

SKILLS

Languages: Java, PHP, Python, C, HTML, CSS, JavaScript, Indonesian (native), English (fluent)

Tools and Frameworks: Laravel, Spring, SQL, NoSQL, Selenium, Rest Assured, Cucumber, Serenity BDD, Jenkins, Postman, Git, Agile Methodologies, Kibana, Swagger, Jira, Figma