PHILIP ELSON BUNTHARA

Jakarta, Indonesia

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

Results-driven and detail-oriented final-year student with 2+ years of experience in developing web applications with PHP Laravel and improving development productivity by building test automation frameworks with Java Spring. Strong communication skills with a proven track record of collaborating with cross-functional teams. Passionate about building impactful software solutions and continuously learning new technologies.

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 and managed 8 test automation projects using Java Spring for scalable 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 while improving code quality and maintainability
- Implemented a parallel execution script with Groovy on test automation projects, drastically reducing average runtime by 60%, allowing for more frequent testing and faster feedback loops
- Integrated UI and API automated tests seamlessly into the CI/CD pipeline using Jenkins, leading to early defect identification and reducing potential post-release defects that could affect millions of users
- Defined and executed 30+ extensive test cases based on product design and business requirements
- Collaborated with developers to debug and troubleshoot 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, covering Laravel, MySQL, and version control, enabling them to successfully build and launch future club-related websites

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, 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, deployed, 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 (Laravel, MySQL, HTML, CSS, JavaScript, jQuery, Bootstrap)

- 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 (Laravel, MySQL, HTML, CSS, JavaScript, jQuery, Bootstrap)

- 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, Groovy, Indonesian (native), English (fluent)

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