

PHILIP ELSON BUNTHARA

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Results-driven final-year student with over 2 years of web development and test automation experience. Proficient in PHP Laravel and Java Spring. Strong communication skills and a passion for problem-solving through building impactful software solutions. Eager to continuously learn and adapt to new technologies.

EDUCATION

Bachelor of Computer Science, Binus University

Sep 2020 – Jul 2024

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

SKILLS

- Languages: Java, PHP, Python, C, HTML, CSS, JavaScript, Groovy, English, Indonesian
- Frameworks: Spring, Laravel, Bootstrap, jQuery, Selenium, Rest Assured, Serenity BDD
- Tools: MySQL, PostgreSQL, MongoDB, Maven, Jenkins, Postman, Kibana, Confluence, Jira, Agile/Scrum, Git

EXPERIENCE

Software Development Engineer in Test Intern, Bibli.com

Feb 2023 – Feb 2024

- Developed and managed 8 test automation projects using Java Spring for scalable frontend and backend microservices, 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 by 50% 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 into the CI/CD pipeline using Jenkins, leading to early defect identification and reducing potential post-release defects that could affect millions of users
- Collaborated with developers to debug and troubleshoot complex issues, contributing to faster resolution
- Defined and executed 30+ extensive test cases based on product design and business requirements

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 website's home pages and dashboards for both user and admin interfaces, optimizing usability and navigation
- Structured and delivered a web development training program for 10 club members, covering Laravel MVC, MySQL, and version control, enabling them to build and launch 3 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 of the event
- Architected a robust role-based access control system, allowing for the management of user permissions
- Optimized data management for admins by integrating data filtering and exporting features

[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
- Engineered an admin dashboard to track and manage user data, submissions, and application processes