

# 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

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**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

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- 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

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**Software Development Engineer in Test Intern**, [Bibli.com](https://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](https://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](https://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](https://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

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[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