Philip Elson Bunthara

Jakarta, Indonesia

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Results-driven final-year student with over 2 years of software 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

Binus University, West Jakarta

Bachelor of Computer Science, GPA: 3.85 / 4.00   **Sep 2020 – Jul 2024**

- Coursework: Algorithms and Data Structures, Computer Networks, Code Refactoring, 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, Jenkins, Postman, Kibana, Confluence, Jira, Agile/Scrum, Git

Experience

Blibli.com, Central Jakarta & Bandung

Software Development Engineer in Test Intern   **Feb 2023 – Feb 2024**

- Developed and managed 8 test automation applications using Java Spring for scalable frontend and backend microservices, reducing 5+ hours of manual testing efforts each week
- Spearheaded the design and development of modular and reusable components, applying SOLID and clean code principles, resulting in a 30% reduction in overall development time
- Led the initiative to refactor the codebase to enhance code quality and maintainability, increasing Sonar coverage and decreasing code redundancy by 40%
- Integrated automated tests into the CI/CD pipeline using Jenkins, minimizing potential post-release bugs and optimizing the shopping experience for 20+ million users
- Automated 110+ UI and API tests using Selenium and Rest Assured, increasing test coverage by 45%
- Implemented a parallel execution script with Groovy, improving runtime efficiency by 60%

Binus University, West Jakarta

Scholarship Mentor   **Mar 2022 – Feb 2023**

- Mentored 3 students in C programming, covering key data structures and algorithms, leading to an increase in exam scores and final course grades for the mentees

Binus English Club, West Jakarta

Senior Software Engineer   **Mar 2022 – Feb 2023**

- Led a team of 6 to enhance the browsing experience of 1000+ users by redesigning the recruitment website's home pages and dashboards, resulting in a 30% improvement in page responsiveness
- Optimized data management for admins by integrating data filtering and exporting features
- Architected a robust role-based access control system to ensure system security, allowing for the management of user and admin permissions across 5 organization regions
- Delivered a web development training program for 10 members, covering Laravel MVC, MySQL, and version control, enabling them to build and launch 3 future websites for the organization

Software Engineer   **Mar 2021 – Mar 2022**

- Designed, developed, and deployed 2 full-stack web applications using Laravel, enabling seamless registration processes for almost 2000 users and providing administrative functions for the organization
- Led the design and implementation of an end-to-end registration process for new organization members, streamlining the whole recruitment workflow of the recruitment event
- Engineered an admin dashboard to track and manage user data, submissions, and inquiries