

# PHILIP ELSON BUNTHARA

Jakarta, Indonesia

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Results-driven and detail-oriented final-year student with experience in building software and test automation frameworks. Strong communication skills with a proven track record of collaborating with cross-functional teams.

## EDUCATION

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**Bachelor of Computer Science**, Binus University

**Sep 2020 – Aug 2024 (Expected)**

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

## EXPERIENCE

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**Software Development Engineer in Test Intern**, Bilibli.com

**Feb 2023 – Feb 2024**

- Developed, maintained, and managed 8 test automation projects for both frontend and backend services, increasing test coverage by 55% and reducing 5+ hours of manual testing efforts each week
- Spearheaded the development of modular and reusable components by leveraging SOLID and clean code principles, reducing script 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%
- Defined, documented, and executed 30+ comprehensive test cases based on product design & requirements
- Assisted in code reviews and debugging, providing constructive feedback to improve overall code quality

**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 responsiveness
- Trained 10 members to equip them with the necessary skills for upcoming club-related projects by coordinating frequent classes about web development fundamentals, Laravel MVC, MySQL, and version control systems

**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

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### [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 access control system, allowing for the management of website permissions based on user and admin accounts across different organization regions
- 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

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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, TestLink, Figma