Bagas Mustoffa Althaf

Computer Science

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Technical Skills

- Programming Languages: Python, C, C++, Java, JavaScript.
- Software Development: Object-Oriented Programming, Data Structures, Pattern Software Design, Algorithm Design.
- Web Development: HTML, CSS, JavaScript.
- Databases: SQL, Database Management Systems.
- Tools: Git, GitHub, VS Code, VS 2022.

Organizational Experience

Publication and Marketing Activist - HIMTI BINUS   2024 – 2025

- Contributed as a Logistics, Transportation, and Security Division of HISHOT 2024
- Contributed as a Event Division of SESVENT 2024
- Contributed as a Event Division of HILET 2025
- Contributed as a Event Division Coordinator of HIMTI Farewell 2025
- Contributed as a Logistics, Transportation, and Security Division of Studi Banding HMIF ITB X HIMTI BINUS 2025

Logistics, Transportation, and Security Comittee Member - ICPC   2024

- Prepared all required supplies, equipment, and facilities for the committee, competition participants, and judges.
- Planned the entry and exit flow of BINUS University buildings, including backup routes for contingencies.
- Designed an evacuation plan for worst-case scenarios such as natural disasters.
- Provided and set up equipment for participants and organized their queues efficiently.

Freshmen Leader - BINUS University   2024

- Guided freshmen in getting to know the campus environment and facilities.
- Introduced and explained Binusian Values and Binus Graduate Attributes (BGA).
- Built rapport and established familiarity with new students to create a welcoming atmosphere.
- Ensured freshmen understood and followed campus policies and participated in activities appropriately.

Work Projects

Web Front-End Development Project: DiamondCut Motors   2024

- Designed and implemented a five-page luxury car dealership website using HTML, CSS, and JavaScript.
- Created carousels, responsive layouts, and interactive elements to improve user engagement and site accessibility.
- Applied Human-Computer Interaction (HCI) principles to achieve a user-friendly and aesthetically refined design.

Web Back-End Development Project: LOrd Card Shop   2025

- Developed a full-featured e-commerce web application for buying and selling collectible cards using C#, ASP.NET, and ADO.NET.
- Implemented backend modules such as authentication, cart management, order processing, and reporting with Crystal Reports.
- Ensured a modular and maintainable system through layered architecture and repository patterns.

Web Development Project: StudyCheck   2025

- Built a web-based learning platform using Laravel, PHP, JavaScript, and MySQL to deliver verified educational content.
- Designed and developed both front-end interfaces and back-end logic, including an interactive Q&A forum and progress tracking system.
- Collaborated within a Scrum-based team to ensure iterative development, scalability, and user satisfaction.

Education

- **BINUS University (2023 – 2027) Bachelor of Computer Science (S1)**   2023 – 2027
- **SMA Daar el-Qolam Islamic Boarding School (2023 – 2027) Major: Science**   2020 – 2023