

Hilmi Al Biruni

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SUMMARY

I am a final year student of the Information System program with an interest in the field of Information System. I have a personality that is competent, mindful, and willing to learn with high enthusiasm. During my time as a student I have some expertise in information technology, like Python, Java, PostgreSQL, Django, Springboot, and Information System things like Odoo ERP, System Proposal, HR, Data Communication Network, etc. Apart from that, during my studies, I am also active in several internal and external organizations to improve my soft skills.

EDUCATION

University Of Indonesia (Universitas Indonesia)

Information Systems

August 2020 - August 2024 (Expected)

- Cumulative GPA: 3.38 / 4.0 (1st to 7th term)

WORK EXPERIENCE

PT United Tractors Tbk.

Information Technology Developer Internship

Aug 2023 - Dec 2023

- Developed Odoo API for Data Development and Manpower from KAMAJU (entity) into YKBUT Learning Center (central) using PostgreSQL for manage relational database, and Postman for testing API.
- Created Dashboard in Odoo for visualize Coverage Development, Total Hours, and Total Participant using Query SQL.
- Managed data manpower for updating manpower per August 2023 using Excel.
- Responsible for updating content and make revisions about Front-End on website ylcku.com in YLC News using Odoo.

Klinikgo

System Analyst Internship

Jan 2024 - Feb 2024

- Developed a comprehensive system design for online patient registration targeting new and returning patients, as well as doctor interfaces.
- Crafted activity diagrams, sequence diagrams, Data Flow Diagrams (DFD Levels 0 and 1), flowcharts, use case diagrams, and detailed use case descriptions using draw.io to illustrate and plan the interactions and data flow within the system.
- Designed SQL-based database schemas to manage patient and doctor data efficiently, ensuring robustness and compliance with healthcare regulations.
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Faculty of Computer Science, University of Indonesia

Assistant Lecturer of Business and Technical Communication Course

Feb 2022 - May 2022

- Coordinate course information from lecturers to students.
- Graded weekly assignments on the discussion forum.
- Provide assistance related to course assignments such as making large reports, CVs, and company analysis.

Faculty of Computer Science, University of Indonesia

Assistant Lecturer of Research Methodology

Feb 2024 - May 2024

- Coordinate course information from lecturers to students.
- Graded individual assignment about scientific journal article and weekly assignments on the discussion forum.
- Provide assistance related to course assignments such as writing background sections, literature reviews, research methodology, evaluating scientific journal articles, and creating research designs.

ORGANIZATIONAL EXPERIENCE

Faculty of Computer Science, University of Indonesia

Coordinator of Information System

Nov 2020 - Aug 2024

- Responsible for problems that occur in the department of Information System about college fees, mental health, and academics.
- Delivered and solving the problems that occur in the department of Information System.
- Led and managed for batch issues about aspiration and academics if the batch leader is unavailable.

Programming Fundamentals Mentor

Jun 2021 - Aug 2021

- Introducing new students to the first semester learning environment of Fasilkom UI.
- Taught 6 beginner students about Python programming such as List, For loop, While, String, Function, and Classes.

- Provide and assess python assignments to improve understanding of Python and basic coding.

BEM Fasilkom UI

Head of Student Welfare Advocacy Department

Feb 2022 - Jan 2023

- Led and managed a team of 8 staff to be able to show their best potential.
- Responsible for 450 new student admission data about personal data on the spreadsheet.
- Delivered information about the faculty from Student Affairs in the form of posters or broadcasts via groups.
- Supervise and manage a committee of peer counselors in order to prevent mental health problems in students via [@curhatsamapanda](#) on Instagram.
- Accommodate student aspirations that will be conveyed to the faculty and controlled sexual violence issues that occur in the Faculty of Computer Science.

PROJECTS | Website

Faculty of Computer Science

Final Project of Enterprise Resource Planning Configuration

Jan 2024 - May 2024

- Developed a company called "[PT Farming](#)" and led the deployment of the Odoo on a Virtual Private Server (VPS), managing both the installation and the configuration of the VPS to ensure optimal performance and security.
- Oversaw the setup and management of business operations and master data integration within the Odoo platform, ensuring that all business processes were aligned with company objectives.
- Maintained control over all operational aspects through various Odoo modules, ensuring seamless functionality and user experience.
- Developed a custom module named "[Hydroponic Management](#)" designed to assist farmers in tracking plant growth stages and forecasting harvest times, thereby enhancing agricultural productivity and operational efficiency.

Final Project of Information System Development Project

Jan 2023 - Jun 2023

- Be a Scrum Master of led and managed 47 backlogs timeline and perform quality assurance using Jira and Excel.
- Developed a website called "[Ikigai Admin Dashboard](#)" using the ReactJS and NodeJS framework and the mobile app called "Ikigai Mobile App" using the Flutter framework.
- Responsible for the "Management User" dashboard feature with Create, Read, Update, and Delete (CRUD) functions and integrated with PostgreSQL database.

Final Project of Interact System

March 2022 - May 2022

- Designed and managed the project for an agriculture supplier website called "[Green Supply](#)" with Figma.
- Led and managed a team of 5 for the design needs of Green Supply.
- Implemented User Centered Design process, a human-centered methodology which consists of Value Proposition Canvas, User Research and Persona, User Journey Mapping, Information Architecture and Design, Usability Testing, and Evaluation.

Final Project of Platform Based Programming

Aug 2021 - Dec 2021

- Developed a website called "[Co-Assistant](#)" about self-health care in pandemic using the Django framework to build a robust and scalable platform..
- Initiated and designed the landing page using HTML and CSS, focusing on user-friendly design principles. Faced challenges with browser compatibility and responsiveness, which were overcome by employing advanced CSS techniques and rigorous testing across multiple devices.
- Responsible for the "Reminder Obat" feature with Create, Read, Update, and Delete (CRUD) functions and integrated with PostgreSQL database.

Final Project of Business Management

Nov 2020 - Dec 2020

- Designed and managed the mobile apps project for a "record-keeping app" for our daily life called "[Shine](#)".
- Implemented Genius Design which consists of seeking design solutions from previous / similar applications and implementing them to Shine.
- Created and managed business plan Shine about planning and financial, including ROI forecast of Shine.

SKILLS

- **Technical Skills** : Python, Java, HTML/CSS, JavaScript, ReactJS, Flutter, Django, Springboot, Figma, Draw.io, Odoo, Wireframing, Prototyping, Usability Testing, Google Workspace (Docs, Sheets, Slides, Drive).
- **Soft Skills** : Leadership, Teamwork, Management, Initiator, Critical Thinking, User Centered Thinking.
- **Language** : Indonesia (Fluently) and English (Intermediate).
- **Field of Interests** : UI/UX Design, System Analyst, Business Analyst, Website Development, Product Designer / Manager, IT Support / Manager, ERP engineer, and API engineer.