Obaidar Omar Ekmad

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SUMMARY

An Undergraduate student currently pursuing a Bachelor's Degree in Computer Science at Bina Nusantara University. I primarily focus on Web Development and App Development, where I aim to apply the academic knowledge onto the professional field. Eager to learn, communicate, and collaborate with professionals in the Web and App Development field. Striving to improve on technical and intrapersonal skills.

EXPERIENCE

ICPC – Remote
Programming Contest Participant (09/2022 - 10/2022)

- Participated in a programming contest focused on solving problems through algorithm design and critical thinking.
- Collaborated with a team to strategize and communicate effectively under time constraints, ensuring optimal problem-solving approaches.
- Developed experience in fast-paced problem-solving, improving coding skills and enhancing teamwork and communication in high-pressure situations.

EDUCATION

Bina Nusantara University (2021 - Present)
- Bachelor's Degree Computer Science – 3.11 / 4.00
- **Relevant Courses** :

- Algorithm and Programming – Implemented basic and advanced both searching and sorting algorithms in a personal project as well as honed basic problem solving skills.

- Data Structures – Mastered the basics of data structures such as linked list, hash table, trees, arrays, stack, queue. Implemented the concepts of data structures to real life applications.

- Database Technology – Developed the basics of RDBMS such as normalization, and relational schema design. Experienced writing basic SQL queries for data retrieval and manipulation.

- Agile Software Development – Interpret the basics of software development life cycle, categorized agile and non-agile software development methods. Broadened the understanding of how scrums are generally executed in real life work environments.

- Code Reengineering – Reflected my tendencies and habits in writing a code that may pose a problem such as tech debts. Reinforcing my understanding of how to write a readable, maintainable, modular, reusable code. Applied refactoring practices such as modularization, removing code duplication, and simplifying logic.

- Software Engineering – Developed an understanding of software project management principles including planning, task breakdown, and timeline estimation. Proficient in managing tasks and tracking progress using tools like Jira, Trello. Developed user-centric thinking to translate business needs into technical features and workflows

- Product Design Methods, Human Computer Interaction, Artificial Intelligence, Algorithm Design and Analysis, Object Oriented Programming, Pattern Software Design, Framework Layer Architecture, Object Oriented Analysis and Design, Web Programming.

SMAN 62 Jakarta (2018-2021)
- High School Diploma – Science

SKILLS

Soft Skills :
- Critical and analytical thinking
- Fluent in English at a professional level
- Effective communication to explain technical concepts
- Collaborative in small scale group projects
- Organized in time management and priority scale

Hard Skills :
- C++
- Python
- Java
- MySQL
- React.JS
- JavaScript
- HTML
- CSS
- Laravel