





BERNARD BERENESS

 [Linked In](#) |  +6281369251040 |  bernardbereness78@gmail.com |  [GitHub](#) |  [Website](#)

Skills

- Python | JavaScript | Go | TypeScript | Java | C++ | C# | C | PHP | HTML | CSS | MySQL | MongoDB | Git | GitHub
- Bootstrap | Tailwind | React JS | Laravel | .NET | Apache Kafka | Redis | Docker | Kubernetes
- Microservices | REST | Back-End | Front-End | CI/CD | Indonesia | English
- Leadership | Teamwork | Teaching

Experience

Software Engineer, Intern **Bina Nusantara IT Division** Indonesia | 03/2023 – Now
IT Architect

- Implemented 5+ new technologies, improving efficiency and scalability across the Software Solution Group (SSG) and other divisions.
- Conducted 2+ weekly meetings to provide updates and maintain alignment with stakeholders, ensuring timely project delivery.
- Researched and documented 10+ feature comparisons between Datadog and New Relic, enabling informed decision-making for Application Performance Monitoring (APM).
- Delivered a successful Proof of Concept (POC) for Datadog and New Relic, leading to the selection of an optimal APM tool for 10+ applications across Bina Nusantara.
- Evaluated 3 media player platforms (MediaKind MK.IO, Wowza, BlendVision) and recommended Azure Media Services as a cost-effective and scalable replacement.
- Collaborated with the IT Technology Team to deploy Kubernetes for 5 mission-critical applications, enhancing container orchestration and scalability.
- Designed and implemented Redis on Kubernetes, reducing database latency by 30% and improving system reliability.

Praetorian, Part-time **Bina Nusantara Computer Club** Indonesia | 10/2023 – 05/2024
Teaching Assistant

- Conducted 2 weekly training sessions, improving the back-end development skills of 50+ members with a focus on the Laravel framework.
- Supervised and guided 20+ participants in the successful completion of a final project on back-end development selection, ensuring high-quality deliverables.
- Delivered 8+ comprehensive lessons covering Laravel topics such as architecture, CRUD operations, sessions, middleware, authentication, and authorization, tailored to meet the needs of BNCC members.

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Organizations

Co-Director **Binus Blockchain and Crypto Club** Indonesia | 08/2023 – Now
Research and Development

- Contributed 2+ innovative ideas for the design and functionality of the BBCC website to enhance user engagement and align with organizational goals.
- Developed and maintained a Discord bot for BBCC, automating the posting of blockchain-related news from Instagram to Discord, ensuring consistent updates for 150+ members.

Activist **Data Science Club** Indonesia | 04/2023 – 11/2023

- Completed data science and analysis assignments, focusing on statistical modelling and data manipulation using Python.
- Designed the Data Science Club's website prototype using Figma, creating an intuitive user experience and visually appealing interface that aligned with the club's objectives.
- Developed the Data Science Club's website using React, implementing responsive and interactive features to enhance user engagement.

Member **Bina Nusantara Computer Club** Indonesia | 11/2022 – 11/2023

- Participated in 10+ weekly bootcamp sessions organized by the Praetorian division, enhancing back-end development skills with a focus on best practices, modern tools, and hands-on projects for scalable server-side applications.
- Collaborated with peers in 13 discussions, sharing knowledge and exploring innovative back-end solutions.
- Completed 2 major projects (mid-term and final), applying learned concepts to design and implement efficient back-end solutions.

Education

Undergraduate **Bina Nusantara IT Division** Indonesia | 08/2022 – Now

- Major in Computer Science (School of Computer Science)