

# BOB KYNETH RUIZO

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## SUMMARY

Software Developer with 3+ years of combined professional and academic experience building high-performance backend systems in Java, PHP, Python, and TypeScript with React/Next.js frontend integration. Specialized in designing efficient and scalable RESTful APIs using modern frameworks including Spring Boot, Laravel, Flask, and ExpressJS, including CMS-based solutions (e.g., WordPress).

## EDUCATION

**University of Mindanao**, College of Computing Mar 2021 – Aug 2025  
Bachelor of Science in Computer Science, Magna Cum Laude Cumulative GPA: 3.5, Dean's Lister 2021-2025  
*Relevant Coursework: Software Engineering, Operating Systems, Artificial Intelligence, Data Structures & Algorithms*

## EXPERIENCE

- Software Developer (Java)**, Lodong Co., South Korea Jun 2025 – present
- Accelerated development cycles by 40% by building a reusable Java Spring Boot shopping module enabling standardized product management and reduced maintenance overhead across multiple e-commerce projects.
  - Built 500+ high-performance REST API endpoints for complex B2B/B2C, e-commerce, and LMS architectures, ensuring seamless integration with 4+ external service provider while maintaining reliability and compatibility.
  - Spearheaded the development lifecycle of core company products by leading a team of 4 developers and co-authoring architectural designs for multi-tenant backend systems with optimized response times through query optimizations.
- Web Developer**, Mediaone Software Solutions, Intern Jun 2024 – Jul 2024
- Collaborated closely with backend engineers in designing the operational architecture of an interactive form builder application, leveraging HTMX, Express.js and MongoDB, boosting users' form access speed by at least 30%.
  - Spearheaded the development of core features such as real-time collaborative editing with document version control, downloadable forms, UI/UX design and prototyping in Figma, and form response statistics, enabling faster analysis.
  - Led meetings with a team, conducted code reviews, and resolved some issues of the application with 100% efficiency.
- Student Skills Mentor**, University Feb 2022 – Apr 2024
- Co-led a workshop for over 100+ students, enhancing their skills and understanding to basic programming concepts.
  - Provided one-on-one mentoring to multiple students in Java fundamentals and delivering constructive feedback with a 100% satisfaction rate, helping students overcome foundational programming challenges.

## PROJECTS

- WGL Chat**, Global Chat App Role: Full-stack
- Architected and implemented a real-time global chat application supporting 1000+ concurrent users using Node.js, Redis, and Socket.io over WSS for encrypted bidirectional communication with sub-100ms message latency.
  - Designed a containerized microservices architecture with Docker, implemented automated CI/CD pipelines using GitHub Actions for deployment, and configured Nginx reverse proxy for load balancing with zero-downtime updates.
- FishNet+**, Fish Species Recognition System Role: Full-stack
- Engineered a complete ML classification model (FishNet+) developed using PyTorch and deployed with Flask-based architecture for fish classification, creating a web-based platform that provided 95% accuracy for users.
  - Automated and standardized environment provisioning and system deployment through custom Shell and Bash scripts, ensuring configuration consistency and minimizing manual operational overhead.

## CERTIFICATIONS & WORKSHOPS

- IT Specialist:** Database & HTML/CSS Certification
- Web Dev JS:** JavaScript & ReactJS Workshop

## TECHNOLOGIES & SKILLS

Git, Spring Boot, Java, CI/CD, CMS, Rest API, Nginx, Docker, JavaScript, C#, Python, PHP, Typescript, Next.js, React.js, Laravel, Express.js, HTMX, MySQL, MongoDB, NoSQL, Flask, Software & Web Development, WordPress