Kent Harold Belen

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EXPERIENCE

Tech Lead   Oct. 2025 – Present
Catalyx Solutions   *Remote*
- Architected and led development of security automation platforms, improving phishing detection efficiency by 70%.
- Engineered scalable APIs and automated workflows, cutting manual threat triage by 10 hours per week.
- Managed cloud infrastructure, CI/CD pipelines, and code quality to ensure 99.9% uptime.

Software Engineer   Nov. 2025 – Present
Lujo PH   *Remote*
- Developed and maintained scalable web applications and backend services supporting core business operations.
- Built and optimized REST APIs, improving system reliability and performance across production workloads.
- Collaborated with cross-functional teams to deliver features, resolve issues, and maintain code quality standards.
- Implemented secure coding practices and participated in code reviews to ensure maintainability and security.

Software Engineer Intern   Mar. 2025 – Aug. 2025
Kloudtech   *Olongapo, Philippines*
- Developed high-performance, secure backend and frontend components for SaaS applications.
- Optimized CI/CD workflows, reducing deployment times by 20%.
- Participated in sprint planning, code reviews, and system integration to accelerate feature delivery.

PROJECTS & PRACTICAL EXPERIENCE

Auralis – Automated Phishing Detection & Threat Intelligence Platform AI, Security Automation, SOC Dashboard
- Designed and developed an end-to-end automated phishing detection platform presented at the **First AI Regional Conference (GDG) at Holy Angel University**.
- Implemented automated email ingestion via IMAP and Gmail API, orchestrated with n8n workflows to triage incoming emails.
- Built a phishing detection API that aggregates responses from multiple CTI sources, including VirusTotal, for URL and attachment analysis.
- Applied AI-based analysis to interpret CTI responses, correlate indicators, and generate a final phishing verdict and risk score.
- Developed structured verdict logic to support SOC-style decision-making and reduce false positives.
- Designed an interactive analyst dashboard for threat visualization, filtering, and investigation workflows.
- Reduced manual phishing analysis workload by **70–75%** through AI-assisted automation and centralized threat visibility.

FitUp – AI-Powered Exercise Planner   React, TypeScript, Node.js, Groq API, PostgreSQL
- Engineered an AI-driven fitness planner that generates structured workout programs based on user goals, body metrics, and experience level.
- Built progress tracking, analytics, and adaptive recommendations, increasing user engagement by 40%.
- Integrated OpenAI API for natural language reasoning and personalized program generation.

AckAI – AI Legal Assistance Platform   Agora AI, DynamoDB, Kendra, S3, React, Express
- Developed a real-time AI legal assistant platform for the AWS Cloud Club PH Innovation Cup 2025 hackathon.
- Integrated Agora Conversational AI and Amazon Kendra for intelligent document retrieval.
- Architected a scalable backend using Express, DynamoDB, and S3 for secure context storage and search.

TryHackMe Labs   Cybersecurity, SOC
- Completed hands-on security labs covering SIEM, threat detection, incident response, and privilege escalation.
- **Ranked consistently in the Top 4% globally.**

Security Tools Practice   Offensive & Defensive Security
- Conducted penetration testing and vulnerability assessments using Burp Suite, Wireshark, Metasploit, and Hashcat.
- Performed intelligence-driven investigations using MISP, OpenCTI, UrlScan.io, Abuse.ch, and Cisco Talos.

Technical Skills

Programming: Python, JavaScript, TypeScript, Node.js, Next.js, Java, PHP, SQL
Security Tools: Metasploit, Burp Suite, Wireshark, Hashcat, Hydra, John the Ripper, MISP, OpenCTI, VirusTotal, Abuse.ch, Talos Intelligence
Automation & AI: n8n, Gmail API, Webhooks, API Integrations, Agora AI, OpenAI, Gemini, Groq
Frontend: NextJS, React, ReactNative, Angular, Svelt, TailwindCSS, Chart.js, ShadCN UI, MUI
Backend: Express.js, Django, REST APIs
Cloud (AWS): DynamoDB, Kendra, S3, EC2, Route53
Other: Secure Coding, SOC Fundamentals, Threat Intelligence

Achievements

Winner — Base PH Hackathon, Oct 27, 2025

Top 4% Global Ranking on TryHackMe

Datacamp Scholar

AWS Cloud Club Operations Member

Participant — AWS Cloud Club PH Innovation Cup 2025

Participant — First AI Regional Conference Hackathon 2025

Education

Gordon College   Olongapo, Philippines
Bachelor of Science in Computer Science   *Expected Jul. 2026*

Affiliations

Committee Member — AWS Cloud Club, Gordon College

Member — TryHackMe Community

Datacamp Scholar