BRYAN GABRIEL RUBIO

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PROFESSIONAL SUMMARY

Results-driven **Full-Stack Software Engineer** with proven expertise architecting scalable web platforms, high-throughput RESTful APIs, and IoT hardware integrations. Experienced in delivering enterprise systems including HRIS and Inventory solutions for international clients across cloud (**GCP**) and on-premises environments. Adept at bridging physical device networks (**Tuya IoT**) with resilient cloud services and full-stack observability (**LGTM stack**) while leading client requirement discovery, live product demos, and post-launch maintenance across **Node.js**, **Express**, **Go**, **React**, **MongoDB**, and **PostgreSQL**.

WORK EXPERIENCE

UZARO TECH SOLUTIONS | Hybrid – Quezon City, Philippines
Full-Stack Software Engineer | Nov 2024 – Present

- Led full-stack development and delivery across 6 concurrent enterprise projects, including comprehensive **HRIS** and **Inventory Management** systems for an international client.
- Collaborated directly with international clients and key stakeholders to elicit and translate complex business requirements into technical architectures and feature roadmaps.
- Architected and deployed secure, scalable RESTful APIs using **Node.js** and **Express**, integrated with responsive **React** frontends, third-party services, and automated operational workflows.
- Created scalable RESTful APIs utilizing **Go (Golang), Gin, and Fiber to** streamline backend operations and accelerate data processing.
- Designed dual-database data persistence strategies utilizing **MongoDB** for cloud web applications and **PostgreSQL** for local on-premises deployments.
- Containerized application microservices using **Docker** and orchestrated reliable multi-environment deployments across **Google Cloud Platform (GCP)** and hybrid on-premises server infrastructure.
- Implemented end-to-end observability and distributed tracing using the **LGTM stack (Loki, Grafana, Tempo, Mimir/Prometheus)** to monitor microservices health, aggregate logs, and minimize MTTR.
- Integrated enterprise **biometric authentication** mechanisms directly into core client applications to elevate user verification security and meet strict compliance standards.
- Engineered high-performance backend systems leveraging **Tuya IoT APIs**, enabling reliable, real-time smart device telemetry, remote management, and automated control.
- Conducted live technical demonstrations, user acceptance testing (**UAT**), and walkthroughs for international clients, gathering iterative feedback to refine deliverables.
- Provided dedicated post-launch client support and system maintenance, diagnosing production issues and ensuring continuous SLA uptime across deployed platforms.

NIPPON MICROMETAL | Onsite – Sto. Tomas, Batangas (FPIP), Philippines
System Staff (Desktop Developer) | Aug 2024 – Nov 2024

- Maintained, diagnosed, and enhanced legacy **VB.NET** internal desktop systems powering shop-floor production lines, mitigating downtime.
- Constructed and optimized complex **MySQL** queries across production databases to extract operational performance metrics and generate automated quality control reports.
- Audited and cross-verified manufacturing **QR code** datasets to eliminate encoding errors, maintaining strict

data integrity across production tracking stations.

OJT CONNECT | Remote / WFH – San Diego, California, USA
Frontend Developer | Dec 2023 – Jul 2024

- Developed modular, accessible, and responsive user interfaces using **React.js** and **Tailwind CSS**, improving cross-device usability and component reusability.
- Integrated client-side state management and asynchronous components with backend **REST APIs** to enable fast, seamless data hydration.
- Participated in **Agile Scrum** rituals (sprint planning, daily stand-ups, backlog grooming), while writing functional test cases and performing manual **QA** to ensure bug-free releases.

TECHNICAL SKILLS

- **Programming & Scripting Languages:** Go (Golang), JavaScript (ES6+), Node.js, PHP, Python, VB.NET, ASP.NET, SQL, HTML5, CSS3
- **Frameworks & Libraries:** Gin, Fiber, Express.js, React.js, Tailwind CSS, React Query, Laravel
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Cloud, DevOps & Observability:** Google Cloud Platform (GCP), On-Premises Deployment, Docker, LGTM Stack (Loki, Grafana, Tempo, Mimir/Prometheus), Observability & Monitoring, Git, GitHub, Postman, Jira, Terraform, VS Code
- **IoT & Systems Architecture:** Tuya IoT Platform, Biometric Authentication, Hardware-Cloud Telemetry, RESTful APIs, Microservices
- **Methodologies:** Agile/Scrum, Client Demos & Walkthroughs, User Acceptance Testing (UAT), Manual QA Testing

EDUCATION

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES – UNISAN CAMPUS | Unisan, Quezon
Bachelor of Science in Information Technology | 2019 – 2023