



JOHCEL GENE T. BITARA

SOFTWARE ENGINEER

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-  github.com/genebit
-  genbit-portfolio.web.app


ABOUT

I am a Filipino Software Engineer passionate about learning and applying new technologies in general. Seeking opportunities, equipped with 4+ years of work experience on various software technology tools to create a beautiful system design.

TECHNICAL SKILLS

C# • PHP • HTML/CSS/SaSS/JS • Typescript • React • Tailwind • Python • Unity • Flutter • Laravel • ASP.NET • Oracle • MSSQL • Firebase • PL/SQL • Digital Ocean • Google Cloud • Google Suite • Figma • Git/GitHub/GitLab • Terminal • Leader • Designer

WORK EXPERIENCE


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Ateneo de Naga University – Project HRIS (Phase 1 and 2)

June 2024 - Present

Naga City, Camarines Sur, 4400

Contract • Lead Full-Stack Web Developer


 - Developed key modules of the application ranging from reports, management, design, data processing/analysis, and hardware configuration resulting in a drastic improvement to the HR’s workflow in terms of eliminating the manual processes.
 - Optimized data rendering and fetching of employee records on thousands of records by usage of optimized PL/SQL queries, views, procedures, indexing, functions, server-side implementations/SSR, batch processing and client-side rendering (CSR).
 - Crafted and applied a data migration plan to perform a large-scale migration of up to 3M+ records from MySQL and Postgres to Oracle, resulting in unified data records of HRMO in the main database repository of the University.
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Ateneo de Naga University – Project RETSU

Jan 2024 – Mar 2024

Naga City, Camarines Sur, 4400

Contract • Lead Full-Stack Web Developer

 - Developed a queue management system solution for the University, which enhanced the user experience by reducing queue delays and eliminating the inconveniences associated with traditional queuing systems.
 - Optimized front-end, back-end, and database by improving SQL queries and data handling, increasing system efficiency by 84% and enabling seamless page loads with 26,000+ transactions per branch.
 - Developed the system within a stringent two-month development and deployment timeframe, followed by a five-month maintenance period, while adhering to strict deadlines and managing time-sensitive pressures.
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Department of Agriculture – Project DAAMIA

Sep 2022 - Oct 2023

Pili, Camarines Sur, 4418

Subcontract • Lead Full-Stack Web Developer

 - Developed a weather monitoring system by processing and storing large number of datasets from a government local weather API.
 - Created a background service built using C# WinForms for fetching and storing 10,000+ records per day of real-time weather data per station into the database.
 - Implemented SMTP and enforced backend security for handling RESTful API requests, preventing server overload.

EDUCATION AND CERTIFICATION

- Ateneo de Naga University, Camarines Sur (Undergraduate)**
 - Bachelor of Science in Information Technology (GPA: 3.40/4.00)

Expected May 2025
 - Management Information System Intern and Volunteer

2021-2025
 - Smartbooks and Power BI Certificate of Completion

Jun 2024
 - SAP Business One DBMS for IT Certificate of Completion

Oct 2022
 - Idea2Startup Fund Awardee (City of Naga, LGU)

Dec 2024

REFERENCES

- Joshua C. Martinez, MIT**

Chief Information Technology Officer

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Ateneo de Naga University

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Ateneo de Naga University

Andrew Coros

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Freelance