





JAN ADAMS GEMPES

FULL STACK DEVELOPER

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Experienced Full-Stack Developer adept in all stages of web development and can adeptly navigate both front-end and back-end technologies. Able to self-manage during independent projects, as well as collaborate as part of a productive team. Can design, implement, and optimize scalable and secure cloud-based solutions.

July - Jan

frontend ◊ backend ◊ server admin ◊ QA

Baguio Country Club

jobs

2024

Software Developer

- > As full stack developer, created multiple systems integral to the back-house functions of the Club, as well as client-facing websites.
- > Served also as a system administrator tasked with the configuration and maintenance of local & web backend servers. Was initially a QA staff for 1 ½ months prior to being promoted.
- > Passed several certifications and online courses during the course of employment.


Hitachi Ltd., Tochigi, Japan

 Technical Intern

Nov 2016 - Dec 2018

~ Acquired first-hand experience and technical knowledge regarding the manufacturing processes of refrigerators and aircons. Served in the assembly line as production staff.

Teleperformance, Pasay City

 Customer Service Rep

Apr 2016 - Sept 2016

~ Managed incoming calls for a gaming console company regarding product inquiries, account queries and management as well as general console troubleshooting procedures.

Int'l Prec. Assemblies, Cavite

 Quality Control Officer

Oct 2012 - Jun 2013

~ Served as the final quality inspector for electronic backup battery products, prior to cargo loading and export. Became a cross-channel between line leaders and management staff concerning product defects and improvements.

academic

2022 ~ Cavite State University
BS Computer Engineering

2017 ~ Phil-Nippon Technical College
Welding, Electronics, Machining

2009 ~ Manila Science High School

certs

AWS Solutions Architect - Associate
Civil Service Exam - Professional
N3 Japanese Language Proficiency Exam
ISC² Certified in Cybersecurity
Google Cybersecurity Professional

projects

Baguio Country Club

BCC Mobile App Backend
BCC Chat Admin System
Pet Hotel System
Emergency Display and Reporting System
Backend Systems & DNS Administration
Project Management System
Human Resources Information System
Incident Management System
Event Scoring System Backend
Account Mgmt. System / Image Server
360° Virtual Tour
Crisis Mgmt. Sim Game Graphics/Logic (Phil. Navy)
Collaborative Editing Website (Pet Project)
Digital Signals Simulator Website (University)
Guidance Office Information System (University)

FEATURED PROFESSIONAL PROJECTS

detailed list on portfolio website

Baguio Country Club Member's App

backend

- > Designed, developed, deployed, and maintained the entire backend for a flagship project: a member's app. An online hub for club information and announcements, membership management, facility reservations, etc.
- > Subsystems include: *reservation _ file management _ python automation account management _ security _ realtime chat _ logging/data viz.*
- > Worked with the frontend dev and management for patches, updates and project presentations. Reworked an initial, temporary PHP server to JS.

Pet Hotel

fullstack

- > Websites to digitalize the pet hotel service of the Club. Comprised of:
 - ◇ **Client-facing website:** with functions for service reservations, pet registrations, billing and service history, and account management.
 - ◇ **Administrator's CMS:** management and data reporting.
 - ◇ **Backend**
- > Collaborated with the Pet Hotel division for feature requests, testing, and training. Conferred with developers who were previously assigned to the project for design considerations. Built all systems from ground up.

Crisis Simulation and Wargame

frontend

game logic

- > A digital version of the geopolitical wargame and simulation exercise used by reservists of the Philippine Navy for their training.
- > Hired initially as a Quality Assurance tester, continuous assistance during development led to a permanent role to the development team.
- > Worked on the following subsystems: *websocket server _ user interfaces map frontend (via leaflet) _ game logic (movement, gamestate, etc)*

Human Resources Information System

fullstack

- > Project to transform manual HR processes into a paperless environment. Tasked to assist a team and was delegated the following sub-systems:
 - ◇ **Kiosk app:** interactive information booth where employees can access specific details about their employment, and allows the digital submission of HR related forms.
 - ◇ **Administrator's CMS:** kiosk app management and data reporting.

Event Scoring App

backend

- > In-house application for management and scoring of Club events.
- > Collaborated with a committee for feature requests, testing, & training, alongside a frontend partner. Monitored the server performance during live events.

360° Virtual Tour Interactive App

fullstack

- > Website that showcases a controllable 360° tour of a hotel room. Has controls to view information about certain amenities and fixtures, and an overview map to quickly jump from one point to another.
- > Also captured and edited the 360° pictures used in the website.

REFERENCES	SKILLS & CORE COMPETENCIES
<div><div></div><div>Lester Barrozo IT Director Baguio Country Club 0998 551 5725</div></div>	<div><div></div><div><div><div></div><div>data processing</div></div><div>image <i>sharp pillow form multer jobs cron rabbitMQ data numpy pandas</i> scraping <i>beautifulsoup selenium aiohttp</i></div></div></div>
<div><div></div><div>Nathaniel Montino Softdev Dept. Head Baguio Country Club bcc.softdevdept@gmail.com</div></div>	<div><div></div><div><div><div></div><div>frontend</div></div><div>framework <i>vue react templating pug jinja3 scss test chai supertest</i> components <i>shadcn quasar chakra bootstrap tailwind primevue</i> data <i>pinia jotai redux store2 swr yjs conn socketIO apollo axios</i> etc <i>leaflet lodash animeJS floatingUI apexcharts highlightJS vite zod</i> <i>lenis tiptap lottie cytoscape excalidraw marzipano driverJS jsPDF</i></div></div></div>
<div><div></div><div>Demegilio Bienes Board of Directors Ciudad Nuevo Subd. 0995 801 1350</div></div>	<div><div></div><div><div><div></div><div>backend</div></div><div>framework <i>remix next nestJS expressJS flask fastAPI elysia pm2</i> database <i>SQLserver redis mongoDB firebase cloudflare_D1 dynamoDB</i> <i>security</i> <i>oauth2 jwt owasp https-cors-csp rate_limiting</i> conn <i>graphql rest websocket sse logging grafana prometheus pinoJS</i> testing <i>locust grafana_k6 postman</i></div></div></div>
LANGUAGES	<div><div></div><div><div><div></div><div>etc</div></div><div>deployment <i>cloudflare AWS github render tools docker regex caddy</i></div></div></div>
<div><div></div><div>Filipino (<i>native</i>) English (<i>fluent</i>) Nihongo (<i>intermed.</i>)</div></div>	
HOBBIES	<div><div></div><div><div><div></div><div>soft skills</div></div><div>> multitasking, time and project management During my stint at the Baguio Country Club, I had to juggle multiple projects due to management demand and manpower limitations. > adaptability, learning speed Working on a wide class of projects, both frontend, backend & sysops has enabled me to quickly find my footing on a new codebase or tech. > effective communication Relaying technical topics to laypeople, querying for problems and use cases, and collaborating with a team comes with little difficulty.</div></div></div>

