

Karl Jose Buena

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General Trias, Philippines

PROFESSIONAL SUMMARY

Senior Full Stack Engineer with a proven history of delivering intricate projects in dynamic environments. Proficient in crafting strategic technical solutions aligned with business objectives and adept at bridging the gap between technical and non-technical stakeholders. Passionate about exploring emerging technologies and mentoring fellow developers to achieve outstanding outcomes.

WORK EXPERIENCE

Senior Fullstack Engineer • Mar 2025 - July 2026

ConnectOS • Remote

- Design, develop, and maintain high-quality software applications, ensuring seamless integration across front-end and back-end systems
- Lead the development of user interfaces and back-end services, identifying and resolving complex technical issues to ensure optimal performance and reliability
- Collaborate with cross-functional teams and project stakeholders to align technical implementations with business requirements and industry standards
- Participate in defining and evolving standard practices and procedures to ensure the delivery of scalable, secure, and maintainable solutions
- **Tech Stack:** TypeScript, SvelteKit, Node.js, Docker, PostgreSQL, SCSS, Claude Code

Fullstack Engineer • June 2024 - Oct 2025

Galt Sudoers, Inc • Remote

- Worked on QA platform modernization and AI feature development for enterprise clients across two major projects: TestRail and XRAY for Jira
- Upgraded TestRail's jQuery codebase to a secure version, addressing key security vulnerabilities and ensuring compatibility with modern standards
- Worked on the development of AI-powered test case generation features in XRAY, leveraging LLM APIs and Jira/XRAY integrations
- Collaborated with cross-functional teams in Agile settings to ship production-ready features, resolve technical debt, and ensure platform stability
- **Tech Stack:** JavaScript, jQuery, React, Node.js, Express, Jira REST API, XRAY API, GitHub, Agile/Scrum, AI/LLM APIs

Platform Engineer • Sept 2024 - Feb 2025

Cover.Tech • Remote

- Supported development teams working on Proceso and Coverdata by enabling efficient delivery and addressing infrastructure requirements
- Implemented and managed CI/CD pipelines, automated code quality analysis, and Infrastructure as Code (IaC) solutions
- Designed and maintained cloud infrastructure using GCP services, ensuring scalability, reliability, and security
- Created data visualization dashboards and implemented data migration and transformation solutions for enhanced analytics capabilities
- Contributed to full-stack development of internal products, including:
 - User and organization management system
 - Microservice for uploading files to cloud storage
 - Microservice for creating and managing GCP Cloud Scheduler jobs
- Collaborated cross-functionally to align infrastructure solutions with product development needs and business objectives
- **Tech Stack:** GitHub Actions, Pulumi, Qodana, GCP (Cloud Services, Looker Studio, BigQuery, Dataform, Redis, Cloud Scheduler, Cloud Storage, SDK), Airbyte, Node.js, Fastify, NestJS, Jest, TypeORM, PostgreSQL, Vue.js

Senior Full Stack Engineer • Feb 2024 - Sept 2024

Solaire Resort and Casino (Bloomerry Resorts Corporation) • Quezon City, Philippines

- Lead the Front End development of Casino Marketing's CRM internal application
- Worked with fellow senior Engineers and Solutions architect in developing the Back End service
- **Tech Stack:** Angular 17, Nest.js, Nodejs, Typescript, PostgreSQL, MongoDB, Hasura, Docker, Kubernetes, GCP

Full Stack Engineer • Aug 2022 - Sep 2023

ProSource • Remote

- Translated user stories and acceptance criteria into functional applications within a cross-functional product team.
- Designed, built, and maintained high-quality, reusable code, prioritizing efficiency and automation.
- Ensured scalability, reliability, and security of infrastructure.
- Collaborated with product management to scope new product ideas.
- Upheld and enhanced engineering, security, and design standards and processes.
- **Tech Stack:** Typescript, Node.js, React, Next.js, AWS, Azure, SST, Urql, Auth0, Datadog, SonarCloud, GitHub

Full Stack Engineer • May 2022 - Jul 2022

Confidential (Project Based) • General Trias, Philippines

- Developed a mobile-responsive web application (card game) and managed CI/CD processes.
- Provided full production support and maintenance.
- Full production support and maintenance.
- **Tech Stack:** Node.js, Angular, Firebase, AWS

Full Stack Engineer • May 2020 - May 2022

Firstmac Financial Services • Remote

- Coded and maintained front-end and back-end components.
- Coded new software applications, and modified existing ones which is aligned the agreed project scope, solutions requirements/design and the software development life cycle.
- Supported the company's loan application software in bug fixing and made sure to promptly respond to critical issues.
- Gathered and documented requirements and design creations which included leading (guiding and mentoring) other members of the development team.
- Assisted other team members in the understanding of processes and technologies to ensure the team can work together to maintain the system long-term.
- Kept up-to-date with current technology knowledge including coding languages, technology platforms, security and industry trends.
- Assisted the company with how we can improve our application over time.
- **Tech Stack:** Nodejs, Angular, MongoDB, AWS.

Full Stack Developer • May 2017 - Mar 2020

Solaire Resort and Casino (Bloomerry Resorts Corporation) • Parañaque, Philippines

- Helped the development team establish coding and deployment standards.
- Helped the development team identify technologies to use for development and deployment.
- Contributed to service/technology implementation in addressing identified problems of the business teams.
- Contributed in automating workflows which improved business processes.
- Mentored newly hired or junior developers.
- Created solutions design/document for assigned projects.
- **Tech Stack:** Nodejs, Angular, MongoDB, PostgreSQL, Kafka, AWS, GCP, JAVA, Spring boot, Hasura GraphQL, Heroku, docker, ESB, web methods (Software AG).

PROJECTS

MySolaire Valet Service - BETA

- Created a system to allow patrons to request for valet service using their mobile phones through mysolaire app.
- Used Angular to create the SPA, AWS S3 bucket to host the static site, postgresql to manage database, and Hasura graphql for data language query to support this initiative.

MySolaire App Achievements

- Created a system to allow patrons to participate to campaigns where they can get rewards if they met the requirements.
- Created Kafka consumer to handle messages coming from GCP pubsub.
- Utilized java, spring boot framework, hibernate ORM, gradle, postgresql, hasura graphql, and docker to support this initiative.

Player360

- Created a web-based mobile-first application used by casino marketing personnel to track player's daily gaming activities. An initiative to replace the current application used by the management which is very costly, and not responsive to phone and tablet devices.
- Integrated Software AG API to the application.
- Utilized AWS S3, RDS, API GATEWAY, and LAMDA to support this initiative.

MySolaire App Notifications Manager

- Created an angular SPA to act as the maintenance page for MySolaire App. An initiative to enable Solaire to handle planned and unplanned maintenance on MySolaire mobile application efficiently.
- Utilized AWS S3, RDS, API GATEWAY, and LAMDA to support this initiative.

Solaire Digitization of Marketing Adjustment Form

- Created an in-house application created to replace the current manual process for Solaire Peso and Bonus Peso adjustment requests.
- Consumed ESB web method REST API in saving the data.
- Used serverless model (S3 Bucket, Lambda, API gateway).
- Integrated multerS3 in uploading files to S3 bucket.

Solaire Scratch Recording System

- Created an in-house application created to keep track of Solaire's Bato-bato Pick Game 2017. MEAN application (but used PostgreSQL instead of MongoDB).
- Utilized Heroku's platform for the deployment of the app.

Solaire Baccarat Tournament App Phase 1 (October 2017)

- Created an in-house application created to track players' journey during the Solaire Baccarat Super Six Tournament 2017. MEAN application (but used PostgreSQL instead of MongoDB).
- Utilized Heroku's platform for the deployment of the app.

Solaire Baccarat Tournament App Phase 2 (December 2017)

- Migrated the application from Heroku to AWS serverless (S3 Bucket, Lambda Service, API Gateway) platform.

Digital Platform Analyst • Feb 2016 - May 2017

Solaire Resort and Casino (Bloomberry Resorts Corporation) • Parañaque, Philippines

App Dev-Web Technologies • Mar 2015 - Feb 2016

IBM Global Business Services:: Global Delivery Center • Quezon City, Philippines

Mid-Level Software Developer • Sept 2012 - Feb 2015

TALLECO CORPORATION • Cebu, Philippines

Wordpress Developer • Jan 2012 - Jan 2016

FREELANCE • Philippines

Junior Software Developer • Apr 2011 - Sep 2012

KOR LANDA Corporation • Lapu-Lapu, Philippines

EDUCATION

Bachelor of Science, Computer Science • Jun 2006 - May 2010

Visayas State University • Baybay, Philippines

SKILLS

Software Development Practices

- SDLC (10+ years)
- Agile Delivery Model (10+ years)
- OOP (10+ years)
- REST API (10+ years)
- Solutions Designing (4 years)
- CI/CD (3 years)
- Microservices (6 years)

Front-End Technologies

- HTML, CSS, JavaScript, jQuery (10+ years)
- Angular (6 years)
- React (3 years)
- Next.js (1 year)

Back-end Technologies

- Node.js (7 years)
- Express.js (5 years)
- Restify (2 years)
- NestJs (1 year)
- JAVA (1 year)
- Event-driven Programming (6 years)

Cloud Services

- AWS Services (6 years)
- GCP Services (2 years)
- Serverless Architecture Programming (6 years)
- Docker (2 years)
- Kubernetes (1 year)

Database Technologies

- RDBMS (10+ years)
- Non-Relational Databases (6 years)

Data and Analytics

- PostHog (1 year)
- Sentry (1 year)
- Airbyte (1 year)
- BigQuery (1 year)
- DBT (1 year)
- DataForm (1 year)
- Preset.io (1 year)
- Looker Studio (1 year)

Version Control

- Git (7 years)
- SVN (5 years)

Other Technologies

- GraphQL (6 years)
- Web Socket (1 year)
- SST (1 year)
- Hasura (2 years)
- URQL (1 year)

INTERESTS

Agentic Engineering
Technology
Software Development
Web3
Fitness and Health
Sports

LANGUAGES

Tagalog - Native
English - Advanced