

Jayssen Baybay Caras

<https://github.com/jayssencaras>

Amadeo, Cavite, Philippines 4119 | (+63) 961-120-4517 | jayssen.caras@gmail.com

Educational Background:

- **Bachelor of Science in Information Technology** Jun 2013 – July 2017
De La Salle University – Dasmariñas
 - Student Council for 4 years
 - Leadership Awardee for 4 years
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Professional Experience:

- **Luxclusif / Farfetch (Remote via Contract)**
 - **Senior Software Engineer**
 - **Shipping & Logistics Microservices**
 - **Core engineer** for Shipments Service (Single Source of Truth) **used across** Invoices, Returns, Warehouse Transfers (WHT), and Purchase Orders (POs).
 - **Led** AfterShip Tracking API migration (v2025-07) **including webhook schema changes, backward compatibility handling, and full integration test coverage.**
 - Implemented and tested **AfterShip webhooks**, including legacy shipment mapping and background job orchestration.
 - Integrated and debugged **EasyPost carrier integrations (UPS, FedEx, DHL)** for waybill and rate generation.
 - Designed **event-driven shipment propagation** using Async contracts for Analytics and downstream services.
 - Built **Kafka / Azure Service Bus-based messaging pipelines** for shipment status propagation.
 - Debugged production issues using **Azure Application Insights End-to-End tracing.**
 - Implemented **role-based access control (RBAC)** and **JWT authentication** across services.
 - Active contributor in **returns, warehouse transfers, invoice tracking, and courier integrations.**
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- **Upwork**

Upwork is a marketplace where businesses and freelancers can work together on projects remotely. It indeed makes things easier for both sides. Upwork allows freelancers to work from anywhere easily and grow their business and portfolio.

 - **.NET Developer** Oct 2022 – Jan 2025
 - Led a distributed team of 7 developers delivering financial technology solutions for global clients, ensuring on-time delivery and quality standards.
 - Developed different web services API in both REST and SOAP
 - Learned API integration
 - Refactored existing APIs and web services using latest technologies
 - HTML & CSS (Core web development skills, responsive UI design)
 - **User Authentication & Role Management**
 - Secure login (OAuth2, JWT-based authentication).
 - **Account Management**

- View balances, transactions, and account details.
- **Fund Transfers & Payments**
 - Internal & external bank transfers (using REST APIs).
- **Loan & Credit Management**
 - Apply for loans, track repayments.
 - Credit card management & statements.
- **Fraud Detection & Alerts**
- **Investment & Portfolio Tracking**
- **Admin Dashboard**
- **Java Developer**

Project: Banking Transaction Management System

- Developed and maintained scalable **Java Spring Boot microservices** for transaction processing and fraud detection.
- Designed RESTful APIs to integrate with third-party KYC and payment services.
- Implemented **CI/CD pipelines using GitLab**, automating testing, build, and deployment processes.
- HTML & CSS (Core web development skills, responsive UI design)
- Used **Docker** to containerize services and deployed them on **Kubernetes clusters** in staging and production environments.
- Monitored services with **Prometheus** and **Grafana** for real-time performance metrics.
- Collaborated with cross-functional teams using **JIRA** for task tracking and **Confluence** for documentation.
- Maven (Build automation & dependency management for Java projects)
- **Developed ROD-WIFI Communication for Japan Train Transport**
- **Quality Assurance** – automation and manual

▪ **Python Developer**

- Website for micro financial service provider in India
 - Secure login with Django Allauth & JWT.
 - AI-based anomaly detection (using Scikit-learn or TensorFlow)
 - Monitor transactions, detect fraud, generate reports.
 - Manage customer accounts.

• **Solution Exchange, Makati, Philippines**

Specialize in creating cutting-edge financial technology that streamlines banking operations, increases efficiency, and enhances the customer experience. Solutions are designed to help banks of all sizes overcome some of the biggest challenges they face today.

▪ **Software Engineer**

April 2021 – Oct 2022

- Strictly learned and applied implementation of AGILE methodologies and complied to its standards
- Maintained existing and newly developed modules of money transfer and remittance service systems
- Developed business modules for remittance systems that sends and receives data from AWS Cloud Platform.
- Developed business modules for B2B and B2C money transfer service and remittance systems
- JAVA Projects – different banking features for different banks here in the Philippines
- Well-trained in JAVA, Wicket
- Experienced in NoSQL data handling

• **Tsukiden Global Solution, Ortigas, Philippines**

Dec 2018 – Jan 2021

Tsukiden Global Solutions Inc. is one of the pioneers in IT Outsourcing for the Japanese market here in the Philippines.

- Well trained in C, JAVA, SQL, Unix Environment
 - **Android and IOS:** R&D. Facial and Location Recognition using Android and IOS swift.
 - Well trained in C, JAVA, SQL, Unix Environment
 - Jointing Management System
 - **Telford Services**
 - **Management Information Systems Specialist** Mar 2016 – Feb 2017
 - Developed system that provides faster documentation and logging of products
 - Developed system that provides logging of temperature and RH of production area for easier monitoring and maintenance
 - Developed system that provides logging of incoming and outgoing orders of processed products
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List of Technologies:

Backend Frameworks & Tools

- **Java** (Spring Boot/Kotlin microservices)
- **Spring WebFlux** (Reactive programming with Kotlin)
- **Node.js** (Express.js framework for APIs)
- **Express.js** (RESTful API creation)
- **.NET (Basic)** (Worked with .NET developers; familiarity with C# codebases)
- **Maven** (Build automation & dependency management for Java projects)

Frontend Frameworks & Libraries

- **Angular** (Basic to intermediate knowledge; component-based architecture, services, and routing)
- **React.js** (Familiar with component/state patterns)
- **Redux** (Basic state management understanding)
- **Flutter**
- **HTML & CSS** (Core web development skills, responsive UI design)

Testing Tools

- **JUnit** (Java unit testing)

- **Mockito** (Mocking in Spring Boot applications)
- **Jest** (JavaScript/TypeScript testing for Node.js and React)
- **Mocha** (Used in Node.js API testing)

Databases

- **PostgreSQL** (Used in production systems; indexing, queries, optimization)
- **MySQL** (General CRUD operations, joins, performance tuning)
- **Redis** (Used for caching frequently-accessed data)
- **NoSQL** (MongoDB, Redis – schema-less data handling)

Cloud Platforms & Services

- **AWS (Amazon Web Services):**
 - **EC2, S3, RDS, Lambda, CloudWatch, ECS/Fargate**
 - **CI/CD:**
 - **GitLab CI/CD** (Build pipelines, test automation, deployment)
 - **GitHub Actions** (Basic familiarity)
 - **Jenkins** (Build and deploy Spring Boot microservices)
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Containerization & Orchestration

- **Docker** (Experienced – containerized microservices)
- **Kubernetes** (Used in production; orchestration, scaling)
- **AWS ECS / EKS** (Deployed containers at scale)

Version Control & Collaboration

- **Git** (Branching, merging, code review workflows)
- **GitLab / GitHub**

Development Methodologies & Architecture

- **Microservices Architecture**
- **RESTful API Design**
- **Event-Driven Design (Kafka-based in some contexts)**
- **Agile / Scrum**

Linkedin : <https://www.linkedin.com/in/jayssen-caras-370741136/>

Github: <https://github.com/jayssencaras>

Website: <https://jayssencaras.com/>

- **CI/CD Pipelines**
- **JWT & OAuth2 Authentication**
- **API Security & Input Validation**

Other Tools / Concepts

- **Postman** (API testing)
- **Swagger / OpenAPI** (API documentation)
- **Prometheus / Grafana** (Monitoring, metrics visualization)
- **ELK Stack (Elasticsearch, Logstash, Kibana)** – for logging
- **ETL-like Workflows** (Data transformations between services)
- **Elasticsearch** (search and analytics engine for structured/unstructured data)
- **Basic AI/ML Integration Awareness** (interfacing APIs or pipelines)
- **SonarQube** (Integrated with Jenkins to analyze Java code on every build)