

## CONTACT


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## EDUCATION

**BS Computer Science**
City College of Tagaytay · 2015

CUM LAUDE

## TECHNICAL SKILLS

**FRONTEND**
React.js, Vue.js, TypeScript, JavaScript, AngularJS

**BACKEND**
Node.js, Java Spring Boot, FastAPI, Django, Laravel, CodeIgniter · REST API design, authentication, role-based permissions

**DATABASES**
PostgreSQL, Amazon Aurora, MySQL, Supabase, DynamoDB, MongoDB · data modelling, migrations, transactions

**TESTING & QA**
Playwright, integration and end-to-end testing, regression testing

**CLOUD & DEVOPS**
AWS (Lambda, Aurora, Cognito, S3, CloudFront, SES), AWS CDK, GitLab CI/CD, Docker, Git

**MOBILE**
React Native, Flutter, iOS, Android

**PROGRAMMING**
Java, TypeScript, JavaScript, Python, PHP, SQL

# Albert U. Pasno

SENIOR FULL-STACK SOFTWARE DEVELOPER

## Profile

Senior full-stack developer with over 11 years of experience building and maintaining production web, mobile and cloud applications. Works across the whole stack, from React and Vue frontends to Node.js and Java Spring Boot APIs and PostgreSQL and MySQL data models. Takes ownership of existing codebases, traces complex workflow bugs to their root cause, and ships fixes that hold. Built an in-house ERP covering quotes, invoicing, purchasing and inventory, and led fintech platforms such as VMoney and Paynet Wallet where transaction integrity and access control were critical. Currently delivers SaaS platforms on AWS at Aither Technologies.

## Experience

### Full-Stack Developer
May 2026 – Present

Aither Technologies Ltd.

- Build and maintain Work Studio, a team project management SaaS in React and TypeScript, with role-based access, workflow boards and per-phase time tracking
- Designed its AWS backend with AWS CDK: Lambda APIs, Aurora PostgreSQL, Cognito authentication with HttpOnly session cookies, and CloudFront/S3 hosting
- Ship releases through GitLab CI/CD and trace production faults across database, API and CDN layers to their underlying cause
- Deliver client SaaS builds on React, Supabase and AWS; QA on a job-matching platform caught a row-level security failure in customer data separation before launch
- Built passport MRZ scanning with OCR for a visa-eligibility app, moving from Tesseract.js to a commercial SDK for reliable mobile capture

### Senior Software Developer
Jan 2018 – May 2026

PayNet PH

- Developed Paynet Wallet, a mobile wallet platform for digital payments
- Built B2B merchant solutions for payment acceptance and settlement, where every transaction had to reconcile
- Engineered backend services and APIs with Java Spring Boot and PostgreSQL

### Chief Blockchain Architect
Jan 2022 – Dec 2024

Bloxchain (BLX)

- Architected and led development of a proprietary blockchain in Java, including its consensus, transaction logic, peer-to-peer networking and node synchronization

### Software Architect
Dec 2018 – Feb 2020

Arkin Technologies

- Designed system architecture for financial technology platforms, covering payment processing, security, and scalability

## CORE STRENGTHS

- Business Workflow Systems
- ERP & Billing Workflows
- Root-Cause Debugging
- Legacy Code Improvement
- Data Integrity
- Secure Access Control
- Fintech Systems
- Technical Leadership

## CERTIFICATIONS

**Certified Blockchain Architect**
2022

**Certified Blockchain Developer**
2022

**Corporate Governance**
Bangko Sentral ng Pilipinas · 2022

**Anti-Money Laundering (AMLC)**
Bangko Sentral ng Pilipinas · 2022

## LEADERSHIP & COMMUNITY

**Co-Founder**
Royal Knight Club, a chess club

## LANGUAGES

English · Filipino

# Albert U. Pasno

## Experience (continued)

### Software Engineer
Apr 2018 – Dec 2018

FirstTree Ventures

- Developed backend services and integrations for fintech products

### Software Engineer
Dec 2017 – Oct 2018

Lulu Phils. International Exchange Inc.

- Built and maintained financial exchange and remittance-related systems

### Lead Software Engineer
Jan 2017 – Dec 2019

VMoney, Inc.

- Led development of VMoney, one of the pioneering mobile wallet platforms in Philippine fintech
- Oversaw core wallet features, including cash-in/cash-out, transfers, and bill payments

### Web Developer / PHP Developer
Apr 2016 – Jul 2016

SM Retail Inc.

- Developed an e-payslip system serving employees across all SM business units
- Developed and maintained internal web applications using PHP and MySQL

### Junior Software Engineer
Apr 2015 – Apr 2016

Calamba Shinei Industry Philippines Corp.

- Built an in-house ERP system covering end-to-end business processes across all departments, including quotes, invoicing, purchasing and inventory
- Developed, maintained, and supported the modules used in day-to-day manufacturing operations

## Personal Projects

### TactixLab.io
Multi-platform chess training app for web and mobile with free and Pro tiers, featuring engine-powered game review, mistake detection, and tactical and positional analysis. Built with Node.js, TypeScript, PostgreSQL, and Redis.

### RKC Swiss Manager
Multi-platform web and mobile app for running Swiss-system chess tournaments, covering player registration, automated pairings, results, and standings. Published on both the Apple App Store and Google Play Store and used for Royal Knight Club events.