

# Antonius Ronal Peterson Purba

## Senior Software Engineer

### SUMMARY

Software Engineer with over a decade of experience in developing scalable web and mobile systems using diverse tech stacks including Laravel, Django, Golang, Ruby on Rails, React, and TypeScript. Proven expertise in building secure RESTful APIs, optimizing databases (MySQL, MongoDB, PostgreSQL), and implementing cloud infrastructure on AWS. Skilled in Agile/Scrum methodologies, CI/CD pipelines, and cross-functional collaboration. Notable contributions to high-traffic platforms such as ruparupa.com, erafone.com, and berniaga.com, demonstrating strong backend and frontend development capabilities.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Laravel (5 yr.), Vue.js (2 yr.), React (3 yr.), TypeScript (3 yr.), Django REST framework (1 yr.)
<b>Programming Languages</b>	Dart (5 yr.), Kotlin (5 yr.), Rust, TypeScript (3 yr.)
<b>.NET Platform</b>	Azure, .NET
<b>C++ Libraries and Tools</b>	C/C++/C#
<b>Mobile Frameworks and Libraries</b>	Crashlytics (5 yr.)
<b>Python Frameworks</b>	Django REST framework (1 yr.), Flask
<b>JavaScript Frameworks</b>	Express, jQuery (3 yr.), Node.js, React (3 yr.), Vue.js (2 yr.)
<b>Android Libraries and Tools</b>	Kotlin (5 yr.)
<b>PHP Frameworks</b>	Laravel (5 yr.)
<b>Java Frameworks</b>	Spring Boot
<b>Databases &amp; Management Systems / ORM</b>	MongoDB (2 yr.), MySQL (3 yr.), PostgreSQL (1 yr.), Redis (2 yr.)
<b>UI Frameworks, Libraries, and Browsers</b>	CSS (5 yr.), HTML (5 yr.), jQuery (3 yr.)
<b>Cloud Platforms, Services &amp; Computing</b>	AWS (2 yr.), Azure

<b>Deployment, CI/CD &amp; Administration</b>	CI/CD (5 yr.)
<b>Version Control</b>	Git (5 yr.)
<b>Operating Systems</b>	Linux (5 yr.), Unix (5 yr.)
<b>SDK / API and Integrations</b>	RESTful API (5 yr.)
<b>Platforms</b>	SAP (5 yr.)
<b>Methodologies, Paradigms and Patterns</b>	Scrum (5 yr.)
<b>Other Technical Skills</b>	Alpine.js (2 yr.), Inertia.js (2 yr.), MERN stack (MongoDB, Express, React, Node)

## WORK EXPERIENCE

### Website Developer, Berniaga.com

**Duration:** 2011 - 2014

#### Summary:

- Developed and maintained Berniaga.com, a web-based classified marketplace platform for buyers and sellers
- Implemented CRUD modules for ads, users, and transaction management
- Optimized MySQL queries and improved page load performance
- Implemented authentication, session management, and form validation
- Collaborated with designers and content teams to improve UI/UX and conversion
- Performed ongoing bug fixing, maintenance, and feature enhancements
- Supported deployment, server maintenance, and basic Linux (LAMP) environment configuration
- Project Highlight: Berniaga.com - Classified marketplace for online listings and transactions

**Responsibilities:** Developed and maintained classified marketplace platform, implemented CRUD modules, optimized database queries, implemented authentication and session management, collaborated on UI/UX improvements, performed bug fixes and maintenance, supported deployment and server maintenance.

**Technologies:** PHP (Native, CodeIgniter), JavaScript, HTML, CSS, jQuery, MySQL, Apache, Linux, Git (basic), REST-style APIs, AJAX, cPanel, SEO (on-page)

### Software Engineer, Erafone.com

**Duration:** 2015 - 2016

#### Summary:

- Contributed to the development and maintenance of public-facing e-commerce platforms, including Erafone.com
- Implemented website features and content updates using PHP (Laravel - early adoption) and jQuery



- Assisted with backend logic, bug fixes, and minor performance improvements on production systems
- Integrated web applications with REST APIs and POS systems
- Supported production releases in Agile/Scrum environments

**Responsibilities:** Developed and maintained e-commerce platform features, implemented content updates, assisted backend logic and bug fixes, integrated REST APIs and POS systems, supported production releases.

**Technologies:** PHP (Laravel – early versions), JavaScript, jQuery, HTML, CSS, REST APIs, POS Integration, MySQL (basic), Git, Agile/Scrum

## **Software Engineer, ruparupa.com and internal tools**

**Duration:** 2016 - 2021

### **Summary:**

- Developed and maintained internal tools and backend services supporting large-scale retail operations
- Contributed to the development of the public-facing e-commerce platform, ruparupa.com
- Built and maintained backend components and integrations like POS, SAP, and S2 systems
- Assisted in ETL processes and data flows for operational and reporting needs
- Supported CI/CD pipelines and deployment processes in Linux environments
- Collaborated with infrastructure and operations teams to ensure system reliability and availability

**Responsibilities:** Developed internal tools and backend services, contributed to e-commerce platform development, built backend integrations, assisted ETL processes, supported CI/CD and deployment, collaborated for system reliability.

**Technologies:** Golang, Ruby on Rails, TypeScript (limited), SAP, S2, POS Systems, Linux, Flutter (Dart), Kotlin, Firebase, CI/CD, ETL, Networking

## **Software Engineer, FirstMedia.com & my.firstmedia.com**

**Duration:** 2021 - 2022

### **Summary:**

- Contributed to development of internal web systems and public-facing platforms, including FirstMedia.com & my.firstmedia.com
- Built and maintained RESTful APIs using Django, integrating frontend components
- Improved application reliability and performance through bug fixes, and database optimization
- Worked closely with product, QA, and engineering teams in an Agile/Scrum environment using Git

**Responsibilities:** Developed internal and public web systems, built and maintained RESTful APIs, integrated frontend components, improved reliability and performance, collaborated in Agile/Scrum teams.

**Technologies:** Python, Django, React, TypeScript, PostgreSQL, HTML, CSS, JavaScript, Git, Flutter (Dart), Kotlin, Firebase, CI/CD, Agile/Scrum



## Software Engineer, Internal Banking Applications

**Duration:** 2023 - 2025

### Summary:

- Developed and maintained internal banking applications supporting core operational and administrative workflows
- Designed and implemented secure RESTful APIs, integrating web and mobile clients
- Maintained existing frontend built with Vue.js + Inertia.js
- Developed interactive UI components using Alpine.js
- Developed new frontend modules using React and TypeScript
- Implemented Redis caching to improve application performance and reduce database load
- Supported deployment and cloud infrastructure on AWS

**Responsibilities:** Developed and maintained banking applications, designed and implemented RESTful APIs, maintained and developed frontend components, implemented caching, supported deployment and cloud infrastructure.

**Technologies:** Laravel (PHP), Vue.js, Inertia.js, Alpine.js, React, TypeScript, MongoDB, Redis, AWS, Flutter (Dart), Kotlin, Firebase

## EDUCATION

- **IPS - SMA Yos Sudarso metro**  
High School Diploma  
2008 - 2011

