

CHRISTIAN ABAD



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PROFILE

I am a motivated Full-Stack Web and Mobile App Developer with over 2 years of professional experience in building responsive, multi-tenant applications. I specialize in Object-Oriented Programming (OOP) for scalable software solutions and am familiar with the Software Development Life Cycle (SDLC). I use Redux for state management and Docker for efficient deployment, ensuring consistent application performance. I am passionate about leveraging technology to solve challenges and enhance user experiences.

SOFT SKILLS

- Leadership
- Problem Solving
- Critical Thinking
- Self-learning
- Collaboration
- Communication
- Time Management
- Adaptability
- Accountability
- Creativity

EDUCATION

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY

STI - West Negros University

2018 - 2022

HARD SKILLS

- **Amazon Web Services (AWS):** Amazon Web Services (AWS): EC2, S3, RDS, IAM, VPC, Route 53, Lambda, IAM, ACM, Rekognition, ELB, DynamoDB, CloudFront, Amplify, Security Group.
- **API Integrations:** InstaPay (QRPH), RBGI (Rural Bank of Guinobatan), Brankas Payment Gateway, PhilHealth Konsulta, M360 (SMS Service), Gmail (SMTP for email transmission), and AllBank Inc.
- **API Development:** SOAP UI, Postman, SOAP/RESTful API, Swagger.
- **Backend Development:** Express.js, Java Spring Boot, Python Django, Codeigniter 3.
- **Cloud Services:** AWS, GoDaddy, HostGator, Google Workspace, Ionos, Hostinger and Namecheap.
- **Databases:** MySQL, MariaDB, PostgreSQL, Redis, NoSQL.
- **DevOps and Deployment:** Docker, Bash Scripting, Ubuntu/Linux/Unix OS, Apache, Nginx, Tmux, Gunicorn (WSGI), SSL Certificates, SSH.
- **Frontend Development:** HTML, CSS, JavaScript, React, Angular, Redux, NgRx, Context API, Tailwind CSS, Bootstrap
- **Languages:** Python, Java, JavaScript, TypeScript, PHP.
- **Mobile Development:** React Native, Android/iOS Development.
- **Version Control:** Git, GitHub, GitLab, Bitbucket

EXPERIENCE

FULL-STACK WEB DEVELOPER

Hexacorp - March 2023 - Present (Full-time)

Cyberhealth

- **Business Website:** Developed responsive and dynamic business website using Angular, significantly enhancing user experience and engagement through the implementation of modern web technologies.

NetGlobal Solutions, Inc.

• Payment Gateway

- API Integration: Successfully integrated various banking and payment gateway APIs supporting QRPH/Instapay services, including Brankas, Rural Bank of Guinobatan, and AllBank Inc., to enhance payment processing capabilities.
- Bank Transfer Functionality: Implemented seamless bank transfer functionality for efficient fund transfers.
- QR Credit Transfer Integration: Developed integration for QR credit transfers, enabling quick and secure payments.
- User-Friendly Checkout Page: Created a checkout page featuring a QR display, allowing merchants to process transactions easily for their customers.
- Real-Time Updates via Webhooks: Established webhook endpoints to receive real-time updates from banks and partner payment gateways, ensuring timely processing of transaction statuses. Implemented handlers to securely process and store incoming data, improving transaction tracking and management.
- Content Management System (CMS): Developed a CMS to manage payment processes, configurations, user permissions, and event monitoring.

• SMS Composer

- API Integration: Integrated the M630 API for SMS services, facilitating seamless communication.
- Contact Management: Organized contacts into groups for targeted SMS campaigns and improved communication.
- Content Management System (CMS): Developed a CMS to manage SMS templates, contact groups, and campaign configurations, along with event monitoring capabilities.
- User-Friendly Front-End: Designed and developed a front-end interface using React.js, ensuring an intuitive user experience for managing SMS-related functionalities.

• Mailing System

- API Development: Created an API for sending emails both in bulk and individually, ensuring efficient delivery.
- Email Scheduling: Implemented scheduling features to automate email dispatch based on predefined times or events.
- Customizable Templates: Developed customizable email templates to maintain brand consistency and enhance user engagement.
- Gmail SMTP Integration: Integrated the Gmail SMTP server for reliable email transmission, optimizing communication channels.
- Content Management System (CMS): Built a CMS to manage email templates, scheduling configurations, and user permissions.

• LT Wallet API (Game Wallet System for Lucky Taya betting app)

- API Development: Developed an API using the Django framework, with Swagger for clear documentation.
- API Integration: Enabled wallet-linking to Netpay e-Wallet for seamless betting transactions.
- Comprehensive Wallet Functions: Created functionalities for cash-in, cash-out, payouts, payments, and fund transfers to support all wallet operations.

• Payroll System

- API Development: Created a Python Django API for payroll disbursement, supporting both bulk and individual transactions.
- Web App Design: Developed a user-friendly payroll web app using React.js for efficient management of disbursements.
- Cash-In Functionality: Added cash-in features to ensure disbursements can only occur with sufficient balance.

• Chat System (for Lucky Taya betting app)

- Real-Time Communication: Built APIs with Express.js and added WebSocket support for real-time chat, improving user engagement.
- Seamless Messaging: Used WebSocket technology for instant message delivery, ensuring a smooth user experience.
- Enhanced Security: Implemented end-to-end AES encryption to protect sensitive user data and maintain privacy.
- Comprehensive Documentation: Created clear API documentation with Swagger for easy integration and understanding by developers.

• E-Wallet (NetGlobalPay)

- Feature Development: Debugged, maintained, and enhanced features using React Native for cross-platform mobile apps.
- App Deployment: Managed the deployment of apps to the Google Play Store and Apple App Store, ensuring compliance and a smooth user experience.
- API Maintenance: Maintained the Spring Boot API to ensure stability and performance.
- Cloud Deployment: Deployed the API on an AWS EC2 instance and used Amazon RDS for the database, ensuring scalability and reliability for backend services.

- **DevOps**

- Configuration and Maintenance: Set up and maintained web servers, reverse proxies, and SSL/TLS for high-traffic websites.
- Performance Optimization: Improved performance by tuning worker processes and implementing logging and monitoring.
- Security Measures: Enhanced security with access controls, rate limiting, and security headers.
- Infrastructure Management: Managed domain migrations, used AWS RDS (MySQL) for databases, and installed SSL certificates with AWS ACM and Certbot.
- Containerization: Utilized Docker Compose to manage multi-container applications for faster setup and consistency during development.
- Version Control: Skilled in using Git submodules for organizing and managing project dependencies.

FULL-STACK WEB DEVELOPER

SpringValleyTech Corp. - **October 2022 - April 2023**

CareSpan Asia

- Team Leadership: Led the development team in maintaining and resolving bugs in an existing telemedicine platform, enhancing client satisfaction and improving user experience.
- Serverless API Development: Developed a serverless API using AWS Lambda and DynamoDB to manage and list commonly used medications and medical conditions in Rx and Dx Favorites.
- Collaboration and Deployment: Worked with the team to certify the CareSpan PH platform with the PHIC Konsulta consultation platform, successfully deploying it to production.
- Data Extraction: Developed code to extract data from a SOAP API, ensuring seamless integration and efficient data retrieval.
- Form Creation: Efficiently created forms using Cognito Forms to streamline development processes without relying on modern frontend frameworks.

INTERN SOFTWARE ENGINEER

SpringValleyTech Corp. - **July 2022 - October 2022**

CareSpan Asia

- API Testing and Documentation: Tested and documented SOAP APIs using PHP and SOAP UI to ensure functionality and reliability.
- SOAP API Client Development: Developed a SOAP API client in PHP for seamless integration with third-party applications.
- Data Transmission: Implemented SOAP client calls to securely transmit XML reports from CareSpan PH to the PHIC Konsulta server, ensuring efficient data transfer.

STUDENT PROGRAMMER

STI-West Negros University. - **August 2018 - August 2022**

- HR Management System: Developed an HRMS for LGU employees with a React.js frontend and a Python Django backend, deployed on AWS EC2, and integrated with AWS SES for email services.
- Remittance Application: Created a Remittance App using PHP, jQuery, JavaScript, and Bootstrap 4 for efficient financial transactions.
- Student Information System: Designed and developed a desktop-based Student Information System using Java and MySQL for managing student data.
- Medicine Reminder System: Developed a Medicine Reminder System utilizing Arduino for hardware, PHP for the backend API, and HTML/CSS for the frontend interface.
- Unit Converter Application: Created a console application in Java for versatile unit conversions, enhancing user convenience.

ADDITIONAL EXPERIENCE

FULL - STACK WEB DEVELOPER

Hey Social Studios - May 2024 - Present (Part-time)

- Webmail Migration: Successfully migrated the webmail server from HostGator to Gmail SMTP via Google Workspace, ensuring uninterrupted email service.
- DNS and User Management: Managed DNS configuration, data backup, and user account setup for a smooth transition.
- Email Transfer: Transferred existing emails using Gmail POP server configuration, ensuring no data loss during retrieval.
- User Training and Support: Provided training and support to users for a seamless transition to the new email server.
- Project Hosting Management: Managed hosting for various projects on HostGator and Framer.