

# JACOB GIANAKOPOULOS

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## SKILLS

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**Languages:** PHP, Javascript, SQL, C#, Java, Python, Swift

**Technologies:** Agile, AJAX, AWS, Bootstrap, CodeIgniter, Composer, Cordova, CSS, Firebase, Git, Google Analytics, HTML, JQuery, JSON, Laravel, Linux, MVC, MVVM, MySQL, Nginx, NPM, REST, Scrum, Ubuntu, UIKit

**Certification:** Amazon Web Services (AWS) Solutions Architect - Associate

## EXPERIENCE

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### Self-Employed

Freelance Web Developer

Kernersville, NC

June 2024 - Present

- Utilize HTML, CSS, and JavaScript to build and customize simple static websites.
- Use client requirements to create the correct site layout and choose a hosting service tailored to their needs.
- Set up hosting and all configuration required to launch a live website, including domain purchasing and DNS configuration.

### Best Logistics Group

Full Stack Developer

Kernersville, NC

November 2022 - April 2024

- Optimized a Laravel web portal, reducing latency by up to 95% through a complete backend overhaul. This involved fixing broken functionalities, enhancing data validation, and rewriting inefficient code resulting in better performance.
- Orchestrated the deployment and configuration of new production and development environments, leveraging multiple AWS services and Laravel Forge.
- Spearheaded the development of a cross-platform React Native application from concept to execution, including crafting a corresponding API and a new MySQL database schema.
- Engineered an AI-powered chat bot leveraging internal documents, providing instant responses to internal employee inquiries regarding employment matters.
- Integrated order tracking for customers with real-time GPS pings and SMS notifications for status updates.
- Added the ability for customers to make payments online using Stripe Checkout.

### Results at Hand Software

Full Stack Developer

Bloomfield Hills, MI

April 2019 - November 2022

- Executed numerous enhancements across the PHP administrator portal, registration website, and JavaScript mobile app, encompassing feature additions, enhancement of existing functionalities, and resolution of bugs.
- Integrated a myriad of third-party APIs, including PayPal, APNS, AWS, and Stripe, into existing workflows.
- Created a custom PHP email campaign system, incorporating scheduling and queuing mechanisms to facilitate large-scale marketing initiatives and event reminders for subscribed users.
- Engineered a tailor-made drag-and-drop JavaScript widget for streamlined event planning and coordination, replacing a time-consuming existing process.
- Led the deployment and configuration of a Linux server cluster comprising multiple web, app, routine, and database servers, featuring load balancing and redundancy measures to ensure system stability in the event of crashes.

## PROJECTS

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### Facial Recognition Authentication System

<https://github.com/jgianakopoulos/IdentityManagement>

- Developed a versatile facial recognition sign-in tool, allowing users to access third-party websites securely while safeguarding personal information. Implemented multi-factor authentication to enhance profile security.
- Orchestrated the creation of a holistic workflow, encompassing the development of an Android application, a web module, a RESTful PHP API integrated with OAuth 2.0 Authorization, and the corresponding API documentation.

### Book Reviews

<https://github.com/jgianakopoulos/BookReviews>

- Created a community-driven website dedicated to book reviews and ratings, facilitating user-generated reviews, community feedback, and consensus through average ratings.
- Developed using Laravel, Blade templating, Tailwind CSS, and a MySQL database.

## EDUCATION

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Oakland University, Rochester Hills, Michigan

Bachelor of Science in Computer Science

Awards: Presidential Scholarship

September 2017 - April 2021

Honors: cum laude