

**Abdallah Mohamed**

**Citizenship: U.S. Citizen**

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## Professional Summary

I'm a full-stack developer with over 8 years of experience building web applications for both small and large businesses. I've worked primarily with PHP, Laravel, and Python, along with several other languages, and have built numerous personal projects as well. I'm excited to join a team that values simplicity and clean architecture. I enjoy working on new projects as well as modernizing legacy systems. I have strong experience with APIs, security, automation, and team collaboration — especially in remote environments. I consistently strive to write clean, testable code and build software that solves real-world problems.

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## Skills

### Backend Development:

- PHP, Laravel Framework, Ruby on Rails, LAMP Stack (Linux, Apache, MySQL, PHP)
- REST APIs, SOAP APIs, Test-Driven Development (TDD)
- SQL Server (SQLSRV), MySQL, PostgreSQL, SQLite
- Python, LangChain for AI and machine learning projects
- Qt C++, C#, .NET

### Frontend Development:

- Vue.js, React.js, Nuxt.js, Bootstrap, TailwindCSS
- HTML, CSS, JavaScript, AlpineJS

### Additional Skills:

- **Security & Compliance:** Laravel Passport, OAuth, SSO/SAML, GDPR, PCI DSS
  - **Version Control:** Git, GitHub, BitBucket
  - **Agile Development Methodology**
  - **Legacy Code Modernization & Maintenance**
  - **Project Management & Client Communication**
  - **Experience with raw SQL for report generation**
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## Professional Experience

### Programmer / Software Engineer

**KYOCERA-AVX** | October 2022 – Present

- Developed scalable backend solutions using PHP, Laravel, SQL Server, and MySQL.
- Modernized legacy systems by reverse engineering and transitioning them into modern, cross-platform applications.
- Built and integrated REST APIs and SOAP APIs, enabling seamless machine-to-software communication in manufacturing environments.
- Specialized in Test-Driven Development (TDD) to ensure high-quality, reliable code.
- Conducted requirements gathering sessions with stakeholders and delivered tailored software solutions.
- Implemented secure authentication methods, including OAuth, Laravel Passport, and SSO/SAML.

### Freelance Web Application Developer

**2017 – Present**

- Designed and developed custom SaaS platforms and web applications using Laravel, Livewire, and related technologies.
- Founded Djib-Payroll, an AI-powered payroll management system that automates payroll processing and HR tasks for businesses in Djibouti.
- Developed Intellink, a community platform for healthcare policy professionals, enabling users to connect, share insights, and access premium resources.
- Created V-Carte, a digital business card platform that provides Djibouti users with access to international digital services and online purchases.
- Built SmartyReport, a Shopify data analytics and reporting application for e-commerce businesses.
- Managed full project lifecycles, including client requirements gathering, estimates, and independent project delivery.
- Integrated third-party payment solutions, including Stripe and PayPal, for secure transactions.
- Provided ongoing maintenance and support for legacy PHP applications, ensuring long-term system sustainability.

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## Education

**Bachelor of Science | Computer Science and Programming (Expected 2025)**

University of Southern Maine, Portland, ME

## **Notable Projects**

- **[Djib-Payroll](#)**: A custom payroll management system designed for businesses in Djibouti.
- **SmartyReport**: A Shopify application for data analytics and reporting.
- **[Intellink](#)**: A community platform for healthcare policy professionals to connect, share insights, and access premium resources.
- **[V-carte](#)**: A digital business card solution for Djibouti users, providing them with access to international digital services and products for purchase.