Dylan Elliott

509.306.6011 | ElliottDylan@protonmailcom

Professional objective

Backend devOps engineer with experience designing, developing, and optimizing scalable systems. Strong background in PHP/Laravel, PostgreSQL, Microsoft SQL server, API security, and enterprise-level system integration. Seeking to contribute technical leadership and backend architecture expertise to a high-growth, data-driven organization.

Experience

Technical Team Manager September 2023 – Current

Fast Enterprises | Boston, MA

- Lead engineering initiative supporting large-scale data and operations systems used by government and public-sector partners.
- Collaborate directly with non-technical stakeholders to identify operational bottlenecks and translate them into high-impact engineering requirements.
- Analyze and optimize database process, improving data reliability and accelerating key workflows.
- Guide others through system design decisions, debugging, and delivery of production features under evolving constraints.

Web and App Developer February 2019 – September 2023

KCWU | Washington

- Design and build end-to-end web and mobile applications using .NET, Laravel, PHP, JavaScript, and modern front-end frameworks.
- Earned national recognition for UI/UX design and overall product functionality of KCWU's digital platforms.

Education

Bachelors – Computer Science

Central Washington University

Projects

KandiTrax Mobile Application | *React Native, Laravel, JavaScript, PostgreSQL, GitHub Actions, Linux*

- Created a secure, cross-platform mobile application utilizing React Native and a RESTful API layer backed by a PostgreSQL instance.
- Built an automated **multi-environment CI/CD pipeline** via GitHub Actions, streamlining automated testing, building, and zero-downtime deployments across staging and production environments.
- Hardened security by provisioning a secure **Bastion Host** to safely execute remote migrations.

VibeCraftCreations E-Commerce Platform | *Laravel, PHP, Stripe API, PostgreSQL*

- Designed an e-commerce platform utilizing Laravel and PostgreSQL, optimizing complex, custom inventory attributes and relational order data.
- Created a secure checkout workflow by integrating downstream Stripe APIs, handling asynchronous order fulfillment using webhooks.

Automated Multi-Tenant Reverse Proxy & Edge Router | *NGINX, DNS APIs, Bash/Python, Linux*

- Architected a high-availability **Application Load Balancer** (ALB) utilizing NGINX to dynamically route multi-tenant client traffic through a single public IP address.
- Engineered an automated **mTLS** certificate provisioning pipeline integrated directly with upstream DNS Registrar APIs to handle programmatic domain validation and zero-downtime renewals.

Technical Skills

Languages & Frameworks: PHP, HTML, Laravel, C#, .NET, JavaScript, T-SQL, SQL, Python, Java, React

Data: MSSQL Server, Postgres, AWS RDS

Tools & Infrastructure: AWS, REST APIs