Stella Christina Anthony
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PROFESSIONAL SUMMARY

- Technical Lead with 8+ years building user-centered digital products using React, Node.js, Drupal, SQL Server, and Azure Cloud.
- Experience in designing full-stack web applications including UI architecture, API layers, relational database modeling, and secure deployments.
- Established solution architectures integrating Azure AD, Microsoft O365, REST APIs, and legacy municipal systems.
- Experience in implementing accessible front-end interfaces using React Hooks, Redux Toolkit, HTML5, CSS3, ARIA standards, and WCAG 2.1 compliance.
- Experience building secure back-end services using Node.js and Express.js
- Proficient with UX teams translating Figma prototypes into reusable component libraries and state-managed applications.
- Upgraded Drupal ecosystems by mentoring PHP engineers into modern React component-driven development workflows.
- Experience in designing CI/CD pipelines using Azure DevOps, GitHub Actions, containerized Docker deployments, and automated integration testing.
- Implemented application security aligned with cybersecurity policies including OWASP Top 10 mitigation and secure coding reviews.
- Evaluated vendor deliverables through structured code reviews, test coverage analysis, and effort estimation validation.
- Experience in integrating digital services with SQL Server, relational schemas, stored procedures, and cloud-based database services.
- Configured Google Analytics 4 event tracking and dashboard metrics to support product decision-making.
- Experience in developing analytics endpoints using Node.js and SQL queries for data reporting and visualization workflows.
- Experience in Building cloud-native solutions on Microsoft Azure App Services, Azure SQL, Azure Functions, and Blob Storage.
- Practiced agile methodologies including Scrum ceremonies, sprint retrospectives, backlog grooming, and iterative delivery cycles.
- Proficient in designing containerized deployments using Docker images, multi-stage builds, and Azure Container Registry pipelines.
- Contributed Python scripting utilities for automation, data transformation, and operational reporting enhancements.
- Communicated complex technical decisions clearly to non-technical stakeholders including agency leadership and executive offices.
- Championed DevOps, automation, unit testing, and continuous integration across distributed digital service teams.
- Demonstrated strong commitment to equity, inclusive design, and human-centered digital transformation initiatives.

TECHNICAL SKILLS

- **Front-End:** React, Redux Toolkit, JavaScript ES6+, TypeScript, HTML5, CSS3, SCSS, Bootstrap, ARIA, WCAG
- **Back-End:** Node.js, Express.js, REST APIs, JWT, OAuth 2.0
- **CMS:** Drupal, PHP
- **Cloud:** Microsoft Azure App Services, Azure SQL, Azure Functions, Azure DevOps, Azure AD
- **Database:** SQL Server, Azure SQL, Relational Modeling, Stored Procedures
- **DevOps:** Docker, CI/CD, GitHub Actions, Azure Pipelines
- **Analytics:** Google Analytics 4, Data Visualization APIs
- **Security:** OWASP practices, Secure Code Review, Role-Based Access Control
- **Languages:** JavaScript, Java, Python, SQL, CSS

- **Tools:** Git, Postman, Figma, VS Code, Jira

Client: Colorado Digital – Denver, CO   **Oct 2023 – Present**
Role: Technical Lead

Responsibilities

- Designed statewide citizen service portal architecture using React, Node.js, Azure App Services, and Azure SQL.
- Translated UX Figma wireframes into reusable React component library using Context API and modular SCSS design system.
- Led Drupal modernization initiative mentoring PHP developers to adopt React-based micro-frontend integration patterns.
- Architected secure REST APIs using Express middleware, JWT validation, input sanitization, and rate-limiting policies.
- Implemented CI/CD automation through Azure DevOps pipelines and Docker multi-stage container builds.
- Established Google Analytics 4 event tagging strategy capturing user drop-off metrics and accessibility insights.
- Integrated Microsoft O365 authentication via Azure AD OAuth 2.0 flow and role-based authorization middleware.
- Created structured code review standards focusing on maintainability, unit coverage, and security compliance validation.
- Coordinated weekly developer syncs resolving production defects using structured debugging and Git branching discipline.
- Designed SQL Server schemas with indexing strategies balancing reporting performance and transactional integrity.
- Implemented accessibility audits using Lighthouse and manual ARIA validations improving WCAG compliance scores.
- Built data dashboards through secure API endpoints enabling city agencies to visualize service request trends.
- Conducted vendor evaluation sessions analyzing effort estimation accuracy and code quality adherence.
- Developed automated Jest and Supertest suites ensuring API regression stability across releases.
- Implemented Azure Blob Storage integration for document uploads using SAS token security policies.
- Established maintenance roadmap outlining patching cycles, dependency upgrades, and vulnerability remediation workflows.
- Presented technical decisions to city executives simplifying architectural trade-offs without relying on jargon.

Environment: React, Node.js, Express.js, Drupal, Azure App Services, Azure SQL, Azure DevOps, Docker, SQL Server, Google Analytics 4, OAuth 2.0, GitHub, Figma

Client: U.S. Digital Service – Washington, D.C   **Nov 2021 – Sep 2023**
Role: Senior Full Stack Developer

Responsibilities

- Developed federal service platform using React and Node.js REST APIs deployed on Azure infrastructure.
- Implemented modular state management using Redux Toolkit improving predictable UI rendering performance.
- Designed secure authentication using JWT and encrypted refresh token rotation strategies.
- Built Drupal 9 integration layer exposing structured JSON endpoints for React front-end consumption.
- Created SQL Server stored procedures optimizing query execution plans for high-volume transaction reporting.
- Partnered with UX researchers converting usability findings into iterative sprint backlog refinements.
- Automated CI/CD pipelines via GitHub Actions enabling zero-downtime blue-green deployments.
- Performed OWASP security assessments addressing cross-site scripting and injection vulnerabilities.
- Configured Google Analytics dashboards measuring citizen engagement and service completion funnels.

- Containerized Node services using Docker Compose for reproducible development environments.
- Implemented API logging middleware enabling structured error tracing and monitoring dashboards.
- Collaborated with policy teams translating regulatory requirements into data validation logic.
- Conducted code walkthroughs mentoring junior developers on React lifecycle optimization techniques.
- Integrated Azure AD identity federation for single sign-on across government systems.
- Refactored legacy JavaScript modules improving maintainability and reducing technical debt.
- Contributed Python scripts automating CSV data imports into relational database tables.

Environment: React, Node.js, Express.js, Drupal, Azure AD, Azure App Services, SQL Server, GitHub Actions, Docker, Google Analytics, Python, REST APIs.

Client: OpenGov – San Francisco, CA　　　　　　　　**May 2019 – July 2021**
Role: Full Stack Web Developer

Responsibilities

- Built civic transparency dashboards using React, Redux, and responsive CSS grid layouts.
- Developed Node.js APIs integrating municipal finance datasets with relational SQL schemas.
- Designed normalized database models improving reporting accuracy and eliminating data redundancy.
- Implemented RESTful routing with Express ensuring consistent endpoint naming conventions.
- Integrated Drupal content modules with JavaScript rendering templates.
- Established Jest testing frameworks validating business logic and UI rendering consistency.
- Optimized SQL Server indexing improving performance for budget analytics queries.
- Configured CI builds using Azure Pipelines automating code packaging and environment promotion.
- Collaborated with product managers clarifying functional requirements through backlog grooming sessions.
- Applied accessibility improvements including semantic HTML5 structure and keyboard navigation support.
- Implemented server-side validation preventing malformed input and ensuring API reliability.
- Built data export functionality using CSV streaming and secure download endpoints.
- Debugged production defects using structured logging and Postman request simulation workflows.
- Participated in sprint retrospectives refining estimation practices and workload balancing strategies.

Environment: React, Node.js, Express.js, Drupal 8, SQL Server, Azure Pipelines, Docker, Jest, HTML5, CSS3, Git.

Client: Damcosoft – India　　　　　　　　　　**Sep 2017 – April 2019**
Role: Web Application Developer

Responsibilities

- Developed dynamic web applications using JavaScript, PHP, and Drupal content modules.
- Designed relational database schemas using MySQL optimizing CRUD performance operations.
- Implemented server-side validation improving form reliability and preventing injection attacks.
- Built responsive UI components using Bootstrap and custom CSS styling frameworks.
- Created REST-like PHP endpoints supporting AJAX-driven front-end interactivity.
- Assisted in migrating legacy monolithic modules toward modular JavaScript structures.
- Configured Google Analytics tracking scripts enabling product usage monitoring insights.
- Performed manual QA testing documenting edge-case scenarios and defect reproduction steps.
- Supported deployment workflows using Git version control and structured branching strategies.
- Optimized SQL queries through indexing reducing page load latency issues.
- Collaborated with senior engineers learning MVC design pattern implementation strategies.
- Contributed Python utility scripts automating minor data transformation processes.

Environment: Drupal, PHP, JavaScript, Bootstrap, MySQL, Google Analytics, Git, Python.