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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 10+ years of experience crafting responsive, high-performance web applications. Front-end specialist—extensive work in React, jQuery, TypeScript, and JavaScript—complemented by solid back-end skills in Node.js, PHP (CodeIgniter, Zend, Hack), and RESTful APIs. Proven ability to architect—and in some cases build from the ground up—secure, cloud-hosted solutions (AWS GovCloud, EC2, S3), implement CI/CD pipelines (Jenkins, Azure DevOps), and mentor small to medium teams in Agile environments. Seeking roles that leverage strong front-end leadership while maintaining full-stack fluency.

CORE SKILLS

Frontend Development

- **Frameworks & Libraries:** React.js (2015 – present), Angular (v10+ at Blackline Safety), jQuery (pre-2015)
- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3 (SASS/SCSS)
- **Component & UI:** Material UI, Tailwind CSS, Responsive Layouts, Accessibility (WCAG, ADA testing)
- **Testing & Automation:** Jest (unit tests for React), Selenium (UI automation), Nightwatch.js, TDD practices

Backend & APIs

- **Runtime & Frameworks:** Node.js (Express, Hapi), PHP (CodeIgniter, Zend Framework, Hack), Python (scripting)
- **API Design:** RESTful services (JSON/XML), Serverless Lambdas (at Blackline), OAuth/JWT authentication
- **Databases:** MySQL, PostgreSQL, SQL Server (basic), MongoDB (basic)
- **Security & Compliance:** OWASP-compliant coding, CJIS/FedRAMP practices (Guardian Alliance), HIPAA-awareness

Cloud & DevOps

- **Cloud Platforms:** AWS (GovCloud, EC2, S3, Lambda), Azure (App Services, DevOps pipelines)
- **Infrastructure as Code:** Terraform (basic provisioning at Guardian)

- **Containerization & Orchestration:** Docker (limited in later roles), Kubernetes (familiar)
- **CI/CD & Tooling:** Jenkins, Azure DevOps (pipelines, repos), GitHub Actions, Git (GitFlow)

Methodologies & Collaboration

- **Agile/Scrum:** Jira (user stories, sprints), Confluence (documentation), daily standups, retrospectives
- **Communication & Mentoring:** Code reviews, pair programming, onboarding junior developers and interns
- **Collaboration Tools:** Slack, Microsoft Teams, Zoom

PROFESSIONAL EXPERIENCE

John Deere – Senior Software Engineer (Remote)

March 2024 – November 2024

- Spearheaded front-end feature development for a landscaping-provider portal using React (hooks, functional components) and TypeScript, strictly adhering to responsive design and WCAG accessibility.
- Integrated React components with Node.js/Hapi back-end services; consumed PostgreSQL-backed RESTful APIs for CRUD workflows.
- Established and maintained Jest unit tests for core React modules; configured Jenkins pipelines to run tests on each build and gate merges.
- Collaborated with DevOps to containerize select microservices using Docker, deploying to AWS EC2 and S3.
- Mentored two junior engineers on React best practices, TypeScript type management, and secure coding (OWASP fundamentals).

Blackline Safety – Senior Software Engineer (Remote)

May 2022 – March 2024

- Led an Angular (v10+) rewrite of a real-time device telemetry dashboard; leveraged Material UI components for consistent theming and improved UX.
- Developed Node.js Lambdas to process inbound telemetry, orchestrated via AWS Lambda and API Gateway; managed data persistence in MongoDB and PostgreSQL.
- Built backend services in PHP (Zend Framework) and Python for legacy integrations; refactored critical modules to improve maintainability.
- Implemented unit tests in Jasmine/Karma (Angular) and Pytest (Python); integrated into GitHub Actions for continuous validation.

- Mentored three junior developers and interns, conducting weekly code review sessions and teaching Angular architecture patterns.

Facebook – Software Engineer III (Contract, Remote)

October 2021 – April 2022

- Delivered React/GraphQL features for internal admin tools; collaborated closely with product teams to define GraphQL schemas and UI requirements.
- Built and consumed Hack-based microservices (Facebook's PHP fork) to retrieve user data; ensured strict type safety and code quality via Flow annotations.
- Worked within Facebook's proprietary CI/CD and continuous testing pipelines (no Azure/Jenkins); relied on internal tooling (Sandcastle) for builds and automated validation.
- Authored GraphQL queries and mutations; optimized resolvers to minimize over-fetching and maintain efficient data flow between UI and back-end.
- Documented front-end component library patterns in Confluence; shared best practices for React hooks and state management with Redux.

Wells Fargo – Software Engineer (Contract, Remote)

April 2021 – October 2021

- Developed and maintained front-end pages using JSP, jQuery, and Bootstrap on a Java-backed billing platform; focused on cross-browser compatibility and performance.
- Wrote Selenium automation scripts to validate critical billing workflows and conducted ADA compliance checks using an internal accessibility framework.
- Collaborated with business analysts and QA via Jira for requirements, user stories, and bug tracking; participated in sprint planning and backlog grooming.
- Created documentation for front-end module architecture and QA handoffs; supported production troubleshooting and hotfix rollouts.

Intuit – Software Engineer II (Contract, Remote)

April 2020 – April 2021

- Developed React and GraphQL features for QuickBooks UI enhancements; implemented TypeScript to enforce strict typing across components and props.
- Partnered with back-end teams to design GraphQL schemas and RESTful endpoints; validated contracts using GraphiQL and Postman.
- Implemented Jest unit tests for React components, achieving > 85% code coverage on critical feature sets; integrated tests into Jenkins for automated runs.
- Participated in design reviews to ensure UI components met accessibility standards; worked with UX designers to translate mockups into production-ready code.

Walmart Labs – Senior Software Engineer (Sunnyvale, CA)

September 2019 – April 2020

- Built and maintained React/Redux front-end modules for user-account management; collaborated with Java/Spring back-end teams to consume RESTful services.
- Implemented Material UI components to ensure consistent styling and theming; enforced responsive breakpoints for mobile and desktop.
- Authored unit tests in Jest/Enzyme for React modules; worked alongside DevOps to integrate tests into the team's Jenkins pipeline (no direct Docker or AWS provisioning).
- Conducted regular code reviews, enforced ESLint/Prettier formatting rules, and championed GitFlow branching for feature isolation.

Cisco – Senior Software Engineer (San Jose, CA)

June 2019 – September 2019

- Developed internal collaboration tools' front-ends in React; wrote unit tests with Jest and Enzyme to maintain > 80% coverage.
- Built Node.js microservices for user analytics, persisting telemetry to MongoDB; forwarded critical logs to Elasticsearch for centralized analysis.
- Automated build jobs in Jenkins to produce Docker images (for select microservices) and pushed to an internal registry; worked with SREs to deploy onto AWS EC2.
- Collaborated with cross-functional teams to define API contracts and troubleshoot production issues; used Slack and Zoom for real-time coordination.

Guardian Alliance Technologies – Lead Software Engineer (Stockton, CA)

September 2017 – April 2019

- Co-founded and architected a CJIS-compliant SaaS platform using PHP (CodeIgniter) and Node.js; designed multi-tenant data models in MySQL and PostgreSQL.
- Managed AWS GovCloud infrastructure—provisioned EC2 instances, RDS databases, and S3 buckets—while strictly enforcing least-privilege IAM roles.
- Implemented secure coding practices following OWASP 2.0 guidelines and achieved FedRAMP readiness; maintained audit logs for CJIS compliance.
- Built custom DevOps pipelines with Jenkins to automate PHP unit tests (PHPUnit) and Node.js integration tests; deployed Docker containers to AWS ECS (limited).
- Served as a hands-on lead: conducted daily standups, sprint planning, code reviews, and mentored five engineers on full-stack best practices.

MindSlap – Lead Software Engineer (Stockton, CA)

August 2016 – September 2017

- Directed full-stack client projects: React.js front-ends backed by PHP (CodeIgniter) services, with WordPress for CMS-driven microsites.
- Built reusable React components and integrated them into WordPress templates; leveraged jQuery plugins when appropriate for legacy features.
- Established unit testing frameworks—Jest for React, PHPUnit for PHP—and integrated results into Jenkins for continuous validation.
- Coordinated with stakeholders in scoping, design, and QA; used Jira for ticket tracking and Confluence for requirement documentation.

Zetta Inc. – Senior Software Engineer (Sunnyvale, CA)

April 2012 – July 2016

- Led front-end modernization: replaced legacy PHP templates with React.js and Backbone.js, improving performance and maintainability.
- Developed RESTful APIs in PHP (Zend Framework) to serve data to JavaScript clients; managed data persistence in MySQL and PostgreSQL.
- Authored Jenkins pipelines to build, test (Jasmine/Karma), and deploy front-end assets to AWS S3/CloudFront; utilized Git (GitFlow) for version control.
- Mentored junior engineers on React and JavaScript best practices, introduced TDD workflows, and held regular code review sessions.

EDUCATION & CERTIFICATIONS

- **AWS Certified Developer – Associate**, 2023 (expired)
- **CJIS Certified** (expired; Guardian Alliance Technologies)
- **Modesto Junior College** – Coursework in Computer Science

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ADDITIONAL DETAILS

- **Methodologies & Tools:** Agile/Scrum (Jira, Confluence, daily standups), Git (GitHub, Bitbucket), GitFlow
- **CI/CD & Testing:** Jenkins, Azure DevOps, Jest, Mocha/Chai, Jasmine/Karma, PHPUnit, Selenium
- **Cloud & Infra:** AWS (GovCloud, EC2, S3, Lambda), Terraform (basic at Guardian), Docker (limited), Kubernetes (familiar)
- **Security & Compliance:** OWASP best practices, FedRAMP readiness, CJIS standards, HIPAA/PHI awareness, ADA/WCAG compliance
- **Collaboration:** Slack, Microsoft Teams, Zoom, cross-functional coordination