

David Anthony Duron

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Professional Summary

Product-focused Engineer with over seven years of experience designing and delivering web applications that drive measurable business outcomes with proven track record of reducing costs, increased sales efficiencies, and expert-level engineering decision.

Technical Skills

React, Next.js, Redux, TailwindCSS · Node.js (Express, AWS Lambda), TypeScript, DynamoDB, PostgreSQL, MySQL, SQL Server · Docker, GitHub Actions, Jenkins, Bash, Azure · Jest, TestCafe · RBAC, Auth0, MFA, JWT, Microsoft Identity

Product Engineer August 2018 – Present

- Launched an online quoting system for workers' compensation policies, cutting quote turnaround time from hours to minutes and improving the customer experience while eliminating dependency on a legacy vendor.
- Developed an internal CRM from concept to production, enabling the sales team to manage leads more effectively; increased sales profits by 75% and reduced operational friction.
- Replaced \$500K in third-party vendor infrastructure with in-house solutions, providing the company full product control and reducing cloud costs by \$207,500 annually.
- Built integrations with HL7, pharmacy and radiology systems, and the US Marshal Service API to expand product capabilities while ensuring HIPAA, GDPR, and PCI-DSS compliance.
- Enhanced product security by implementing RBAC, Auth0, MFA, JWT, and Microsoft Identity, improving both customer trust and regulatory compliance.
- Streamlined deployments and delivery with CI/CD pipelines (Jenkins, GitHub Actions, Bash) and Dockerized applications, enabling faster product iterations.
- Validated features through testing by writing automated unit tests (Jest) and end-to-end tests (TestCafe), ensuring reliable user experiences.
- Partnered with product managers and stakeholders to prioritize features, resolve blockers, and demo product progress in Agile/Scrum environments.
- Authored documentation and onboarding guides, reducing ramp-up time for new engineers and ensuring smooth product handoffs.