

## 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 decisions.

### Technical Skills

React, Next.js, Redux, TailwindCSS, Python, .NET, 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.