Cody Stine

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EXPERIENCE

DriveSmart   April 2023 – Aug 2024
Web Developer
Toms River, NJ

- Managed and optimized the company's WordPress infrastructure, improving lead flow and reducing customer drop-off points through UI enhancements, A/B testing, and behavioral tracking.
- Built a campaign ID generation and management platform used by the marketing team to track sources, improving attribution accuracy and reducing manual effort.
- Led the full integration of LINE5 automotive financing APIs into an online warranty sales portal, enabling customers to generate instant quotes by submitting VIN or vehicle info, which automated plan comparisons and improved purchase completion rates.

BayMaster   Jan 2021 - May 2022
Software Developer Intern
Toms River, NJ

- Developed a real-time messaging dashboard with SignalR that allowed automotive shops to send and monitor broadcast promotions, improving customer engagement and enabling faster responses.
- Built actionable analytics dashboards that provided insights into service revenue by category (e.g., oil changes, tire replacements), timeframe, and profit margin, helping shop owners make informed operational and pricing decisions.
- Researched and integrated VIN scanning solutions into the BayMaster intake workflow to eliminate manual entry errors and reduce time spent onboarding new customers.

EDUCATION   Sept 2021 - Dec 2023

Western Governors University
Bachelor of Science in Software Engineering

PROJECTS

Cloud Crate - Full-stack File Storage Platform
- Built a cloud-style storage platform with authenticated upload/download, usage tracking, and secure file access.
- Designed folder structure logic, metadata tracking, and file preview support in a full React UI.
- Developed .NET backend with token-protected endpoints, user quotas, and storage lifecycle management.

Pawthorize - Self hosted Authentication and Identity System
- Developed a full auth system supporting registration, login, password reset, email verification, OAuth, JWT management, and session revocation.
- Built an admin dashboard for user/application management, including banning users, managing secrets, and enforcing domain-level access restrictions.
- Packaged as a Docker-deployable service with setup wizard, configurable database/email providers, and built-in security features (rate limiting, security headers, emails).

StashPup - Reusable File Management Library
- Built a reusable storage SDK supporting save, move, rename, delete, and bulk file operations in .NET.
- Implemented provider-based architecture for swapping between local and cloud storage backends.
- Standardized return types, validation rules, metadata handling, and pagination for large storage sets.

TECHNICAL SKILLS

Programming Languages: JavaScript/Typescript, C#, Python, SQL
Frameworks and Tools: React.js, .Net, Express, Docker, PostgreSQL, AWS, Tailwind Css, Mantine UI
Concepts: RESTful APIs, Microservices, Clean Architecture