new SeniorSoftwareEngineer('Cody Carlson');

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A results-oriented Software Engineer with a keen focus on quality with diverse experience in the use and development of frameworks and APIs. Adept in driving technical strategy in alignment with unique client needs while providing architectural foresight to ensure flexibility, scalability, and reusability through Software Design Patterns and SOLID Principles. Through opportunities of employment and entrepreneurship, I target innovative approaches toward improving our quality of life and state of technology.

EXPERIENCE

Processes	Industries	Projects	Environments	Roles
Agile (Scrum, Lean)	Legal	Greenfield	SPA	Principal Frontend Eng'
Kanban	Government/Investigative	Legacy	ESA	Frontend Architect
Waterfall	Financial	R&D/POC	EDA	FullStack Lead
Hybrid	Healthcare	Mobile	Microservice	Senior Engineer
None	Insurance	Hybrid	Serverless & Cloud	Backend Developer
	Discovery/Collaboration	Responsive	Monorepo	
	Advertising	Infrastructure	Monolith	
	Rental	Refactor & Reboot		
	Airline/Travel	Migrations		

SPECIALIZATIONS

JavaScript | TypeScript | Node | CSS | MEAN/MERN | OOP | TCO | Design Patterns | SOLID | Coupling | Cohesion | Abstraction | Normalization | Triage | Mediators | Reuse/Entropy | Complexity | Networks | ChangeCost | OperationalCost | Frontend Development | Mock Driven Development | Event-Driven Architectures | Distributed User Interfaces & Application Cores | Debugging

ACHIEVEMENTS and INTEGRATIONS

Throughout my career I have had the pleasure to accumulate vast experience across frameworks & technologies, processes, industries, team-sizes, and technical challenges. Contracting & consulting has provided an extensive breadth-wise skill-set while Full-Time Employment positions have granted me the opportunity to scale with project lifespans in a depth-wise manner. The following are various integrations and achievements that I have been fortunate enough to work with.

Self-directed Learning	CD/CD Integrations	Finite State Machines
Scaled Curricula Design	HIPAA Compliance	Event-Sourcing
Entrepreneurship & marketing	WCAG AA/508 Compliance	File Uploaders
Consulting	JAWS & NVIDIA testing	Reservations & Booking
Solutions Engineering	Cyclomatic Complexity Analysis	Microsoft Office Add-Ins
Embeddable Widget Development	CAMP Model (Average Coupling Per Module)	Power of Attorney Document Modification
Cross-Platform Compatibility	Selenium integration	Kiosk-Mode Applications
Failover & Fallback Design	BrowserStack integration	E-Commerce, Shopping Carts, and Payments
Graceful Degradation	Unit Testing	Image Comparison
Calendar Development	Functional Testing	Animations
Cybernetic Scheduling System	E2E Testing	Photo Cropping
Memoization	A|B / Multivariate Testing	UX Design
Optimization & Memory Profiling	Smoke Testing	Business Analysis
OAuth	Framework Design & Development	Requirements Gathering
Open-ID Connect	Framework Selection	Styleguides
Feature Flags	Self-Onboarding Guides	Startups
Environment Flags	UML & Sequence Diagram Documentation	Leadership
PKCE (Proof-Key Code Exchange)	Component Catalogs & Playgrounds	Directorship
OWASP Top Ten Security	State-Loaders	People Management
I18n/L10n	Object-Relational Modeling	Process Formation
PWA	Apache Rewrites	Interviewing
NPM Module Publishment (Private, Public)	Telemetry (EsperMDM, Sentry, more)	Remote teams

Alongside the above, I have led through example, thought leadership, mentorship, and directorship. I have experience on both sides of the interview desk, both ends of an 80/20 leadership/coding split, and have squashed bugs in a matter of hours after the company threw more than a dozen bodies at the problem over a 6-month period as it affected their largest client. In another role, I opened the Denver office with the CTO and had the privilege to sit in on various C-Suite meetings, not limited to mock Investment Pitches, before helping to build out my peer team and build out & run an eight-person Frontend team of my own. This enabled me to be the go-to in the Denver office while I was a central player between the Miami and Belfast offices. I wore the Business Analyst hat during requirements gathering meetings with C-Suite and maintained proficiency in Jira in order to bring together my peer Principals before driving tasks within my own team in coordination with theirs.

MAXIMS and ADVOCATIONS

TDD | Documentation | Refactoring | Fail Early, Fail Often | Model & Domain Driven Design | Convention Over Configuration | LoD | POLA | KISS | DRY | Design Systems | Algorithms & Data-Structures | Recursion | API Gateway | BFF | A11y | I18n/L10n | 'use strict'; | Sequence Diagrams | Git | OpenSource | Pair-Programming | Nonlinearity | Complexity | Simplicity | Scalability | Sustainability | Fault-Tolerance

HISTORY

Apr 2022 - Jul 2023 Salty (CDK Global): Senior Engineer	Nov 2013 - Feb 2014 PlaceWise Media: Application Developer
Oct 2021 - Nov 2021 Suite Studios: Principal Front-End Architect	Jun 2013 - Nov 2013 Active Network: Front-End Developer
Jan 2021 - Sep 2021 Alfi: Principal Front-End Engineer	Apr 2013 - May 2013 Null Empire: Full-Stack Developer
May 2015 - Jan 2021 Contracting & Consulting	Jun 2012 - Jan 2013 BieMedia: Software Developer
Apr 2014 - May 2015 Colorado State, CDHS: Application Developer	2008 - 2012 Training, Volunteerism, Entrepreneurial.