

Carter John

Technologies – Digital Transformation – Customer Experience –
Innovation – Business Strategy

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About me

Software Engineer with a pragmatic, test-first approach and a focus on building reliable, maintainable systems. I enjoy turning ambiguous product requirements into clean, well-tested code and shipping features that measurably improve user experience. Comfortable across the full stack (backend services, APIs, frontend), strong in system design, and experienced with CI/CD and observability. Fast learner, team player, and advocate for automated testing and documentation.



Achievements

- **Reduced API latency by 42%** by redesigning request handling and adding connection pooling to backend services (measured at peak traffic).
- **Led migration** of a monolithic service to microservices with zero user-facing downtime; deployment pipeline automated with GitHub Actions.
- **Ship reliability target met:** implemented end-to-end testing and monitoring that cut production incidents from 6/month to 1/month within three months.
- **Authored and maintained an open-source CLI tool** (fictional: `fast-deploy`) used internally and by the community for streamlined container deployments — 600+ stars on the internal registry.
- **Mentored 4 junior engineers**, running weekly code-review sessions and pairing, resulting in faster ramp-up and higher code quality.
- **Presented a talk** “Practical Observability for Small Teams” at a regional developer meetup (recording and slide deck available on request).



Work experiences

Senior Software Engineer — NovaGrid Solutions (fictional) 2022-Today

- Led backend development for a multi-tenant analytics platform serving real-time dashboards.
- Designed and implemented an event-driven ingestion pipeline (Kafka + Go) that handles 50k events/min at peak.
- Implemented feature flags and blue/green deployments to reduce release risk.
- Owned on-call rotation and reduced incident MTTR from 90m to 22m by adding better alerts and runbooks.

Software Engineer — BlueOrbit Labs (fictional) 2019-2022

- Built and maintained REST and GraphQL APIs in Node.js and TypeScript for the company’s core product.
- Introduced contract testing (Pact) across services to prevent integration regressions.
- Improved database performance by indexing, query optimization and read-replica strategy; average query time for the top 10 slow queries decreased by 68%.
- Collaborated with product and design to ship a customer-facing analytics module that increased user engagement by 23%.

Junior Software Engineer — ClearFrame (fictional) 2015-2019

- Contributed to frontend features in React and internal tooling in Python.
- Implemented CI pipelines and automated test suites, saving the team ~8 hours per release cycle.
- Wrote documentation and onboarding guides used by new hires.



LANGUAGES

French - Native
English - Native
Hungarian - Notions



STRENGTHS

Responsibility
Take the initiative - Autonomy
Solution oriented
Out of the box thinking
Resilience

Agile methodology (SAFe)
Leadership and management
Innovative
Organized – Structured