Grant Maye

Senior Software Engineer

TypeScript | React | Next.js | Node.js | PostgreSQL

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PROFESSIONAL PROFILE

Senior software engineer building and maintaining full-stack web applications with TypeScript, React, Next.js, Node.js, and PostgreSQL. Develops reusable, interactive components and responsive interfaces, implements API requests and application logic, and integrates external services. Uses SQL to query and manage relational data, with Git, testing, and debugging supporting reliable delivery from requirements through production support.

TECHNICAL EXPERTISE

Primary Stack: TypeScript, React, Next.js, Node.js, PostgreSQL

Frontend: JavaScript, HTML, CSS, Tailwind CSS, reusable components, responsive layouts

Backend and Data: REST APIs, GraphQL, external-service integrations, SQL, SQL Server, SQLite, JSON, XML

Engineering Practices: Git, GitHub, testing, debugging, code review, Agile/Scrum, accessibility, performance optimization

Additional Technologies: WordPress, Elementor, Shopify

PROFESSIONAL EXPERIENCE

Growth Technology Contractor Feb 2026 - Aug 2026

CREDIT KARMA | Charlotte, NC | Front-End Development

- Engineered reusable web components and landing experiences with JavaScript, WordPress, Gutenberg, HTML, and CSS for acquisition and engagement initiatives.
- Designed and developed an AI-assisted Figma-to-Gutenberg workflow that reduced page-production time from multiple days to hours.
- Worked with Product, Engineering, Design, Marketing, and Analytics to translate requirements into customer-facing experiences and campaign launches.
- Implemented A/B tests and conversion improvements, performing quality assurance, troubleshooting, and iterative refinement.

Senior Software Engineer Feb 2022 - Feb 2026

FEATURE | Charlotte, NC

- Led architecture and hands-on development of custom web applications, e-commerce platforms, and business systems across client engagements.
- Built application interfaces, reusable components, and API integrations using JavaScript, React, PHP, WordPress, and Shopify.
- Designed and built GraphQL APIs for custom applications, and integrated existing GraphQL services into client platforms and application workflows.
- Translated business requirements into maintainable software, owning discovery, technical design, implementation, testing, deployment, and production support.
- Guided platform selection and development standards, addressing application performance, accessibility, security, and long-term maintainability.
- Delivered 32 client projects, with the majority of business generated through repeat and ongoing engagements.

EXPERIENCE CONTINUED

Web Developer Dec 2021 - Dec 2023

SUPPLY | Portland, OR | Remote | Contract

- Delivered web-development projects for agency clients including Nike, Autodesk, DAT, and Dr. Martens.
- Built responsive customer-facing experiences with JavaScript, PHP, WordPress, HTML, and CSS, implementing established brand and design systems.

Web Development Manager Jun 2017 - Feb 2022

888VOIP / AMERICAN TECHNOLOGIES | Orchard Park, NY

- Led engineering and ongoing optimization of an enterprise e-commerce platform and manufacturer catalog containing more than 20,000 products.
- Architected Node.js backend systems, API integrations, and database workflows supporting catalog accuracy, external data integration, and daily operations.
- Developed GraphQL APIs and integrated existing GraphQL services with React application interfaces for product-catalog data access and integrations.
- Integrated manufacturer and third-party data through APIs, relational databases, JSON, and XML to support the platform and internal workflows.
- Managed developers, established coding standards, and reviewed implementations while coordinating technical delivery across competing business priorities.
- Introduced Git-based version control, Agile practices, and improved deployment workflows to strengthen release consistency and software quality.

Senior Software Engineer Dec 2016 - May 2017

GAP TECHNOLOGIES (NOW SMARTEVALS) | Cheektowaga, NY

- Developed full-stack features for the SmartEvals SaaS platform, supporting college and university course evaluations, institutional assessments, and academic reporting.
- Built application functionality with ASP.NET/.NET, C#, SQL Server, JavaScript, HTML, and CSS.
- Designed SQL queries, stored procedures, and data integrations supporting institutional reporting, analytics, and application performance.
- Collaborated with product, engineering, and customer-support stakeholders to deliver new functionality and resolve production issues.

Assistant Vice President of Operations Dec 2012 - Oct 2016

IQOR HOLDINGS US INC. | Depew, NY

- Led seven managers and approximately 105-140 frontline employees, owning performance against contractual SLAs, quality measures, and operational KPIs.
- Used performance reporting, staffing forecasts, and corrective-action plans to address service-delivery risks and align workforce capacity with demand.

Chief Information Officer Jan 2006 - Nov 2012

THE TELEPHONE CENTRE INC. | Greensboro, NC | Promoted from Senior Software Developer

- Designed, developed, and maintained internal business applications and customer-facing web solutions for a national market-research organization.
- Built software with ASP.NET, C#, SQL Server, JavaScript, HTML, and CSS, leading projects from requirements through deployment and ongoing support.
- Directed application development, technology infrastructure, vendor relationships, and enterprise technical planning in partnership with executive leadership.

EDUCATION

GUILFORD TECHNICAL COMMUNITY COLLEGE | Jamestown, NC

Associate in Science, Computer Science - In Progress

Expected graduation December 2027

Planned transfer to North Carolina A&T State University

SELECTED PERSONAL PROJECTS

Application demos and developer tools | github.com/grantmaye

Fulfillment Routing Engine GitHub

Node.js | React / Next.js | TypeScript | Apollo GraphQL | PostgreSQL

- React/Next.js operations dashboard with a Node.js and Apollo GraphQL API for routing orders by stock availability and simulated shipping cost.
- PostgreSQL transactions manage inventory reservations, warehouse overrides, cancellations, and audit history; tests cover competing orders and rollback.

Course Evaluation Explorer GitHub

Node.js | React | SQL Server | SQLite

- React reporting interface and Node.js API query SQL Server stored procedures for institution/year filters, course summaries, and weighted averages.
- Query comparison lab checks equivalent date filters against synthetic data, with a portable SQLite preview and SQL Server integration tests.

Website QA Dashboard GitHub

Node.js | React / Next.js | TypeScript | Apollo GraphQL | PostgreSQL

- Website scanning and issue-triage dashboard with persistent findings, assignment, notes, and scan history.
- Node.js GraphQL services use request-scoped DataLoader batching, cursor pagination, and queued scan jobs backed by PostgreSQL.

Catalog Sync API GitHub

Node.js | REST APIs | SQLite

- Node.js REST API normalizes supplier product feeds, stores prices as integer cents, and records catalog changes in SQLite.
- Transactional imports support idempotency keys, conflict detection, audit history, and cursor pagination, with automated failure-path tests.

SurveyLens / Survey Quality Pipeline GitHub

Python | SQL | SQLite | CSV | HTML / JSON

- Python CSV-to-SQLite pipeline validates survey responses, quarantines invalid rows, and prevents duplicate imports and response conflicts.
- SQL aggregates produce HTML and JSON reports with configurable small-group suppression; tests cover rollback, validation, and report consistency.

Webhook Reliability Lab GitHub

Python | Node.js | HTTP | HMAC | SQLite

- Python delivery client retries temporary HTTP failures using exponential backoff, jitter, and Retry-After handling.
- Node.js receiver validates HMAC signatures and timestamps, persists events in SQLite, and deduplicates deliveries; a cross-language demo verifies recovery.

Photo Toolkit GitHub

Python | Typer | SHA-256 | Metadata Processing

- Python CLI validates photo/video libraries, audits metadata, and finds duplicate files using SHA-256 hashes.
- Reviewable operation plans, dry-run defaults, sidecar handling, and per-run reports support media organization and import preparation.