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David Magbee

Senior Software Engineer

SUMMARY

Senior Software Engineer building full-stack products with TypeScript, React, Next.js, Node.js, and PostgreSQL. Owns architecture and delivery across fintech workflows, banking integrations, and customer-facing applications. Combines hands-on engineering with business analysis, product planning, and clear communication. Uses Codex for implementation, debugging, testing, code review, and research.

ACHIEVEMENTS

Fintech Product Ownership: Delivered full-stack improvements across onboarding, account setup, billing, banking integrations, and self-service account management at Cookie Finance, directly improving user activation, conversion reliability, and product trust in a sensitive financial workflow context.

Mentorship & Education Leadership: Mentored 200+ students as Software Engineering Lead Instructor at General Assembly; achieved a 4.9/5 NPS and a perfect 100 NPS team score sustained across multiple cohorts.

Community Building at Scale: Led the Songbird network launch at Flare, growing a developer community to 250K+ members and improving platform usability through tailored technical documentation and a strategic partnership roadmap.

SKILLS

Core Technologies: TypeScript, React, Next.js, Node.js, Express.js, GraphQL, PostgreSQL, Prisma, MongoDB, HTML/CSS

Infrastructure & DevOps: AWS, GCP, Git/GitHub, DevOps, deployment and release support

AI & Engineering Tools: Codex, prompt engineering, AI-assisted development, agent skills, engineering harnesses, context management, verification and handoff workflows

Methodologies & Domain: Product strategy, business analysis, project management, workflow automation, fintech, Agile, testing, QA/UAT

Secondary Stack: Python, Django, Solidity, UI/UX design

EMPLOYMENT HISTORY

SENIOR SOFTWARE ENGINEER **Mar 2025 – Sep 2026**

Cookie Finance ***Hybrid / Remote***

- Spearheaded full-stack development of Creator Business Essentials (CBE), a 0→1 product line expanding the platform to micro-influencers and content creators previously outside core service eligibility. Built feature gating, navigation, dashboards, account setup, digital banking, LLC formation, registered agent services, and affiliate program experiences across the stack.
- Designed and implemented the CBE-to-Core upgrade architecture, giving clients an in-product path from the entry-level offering to full-service plans.
- Built onboarding and account activation flows covering invitation redemption, credential creation, resumable setup, and state persistence.
- Replaced linear onboarding with a dependency-driven workflow engine across product tiers; built migration and backfill tools, admin views, and CSV exports to expose activation blockers.
- Co-architected a Tax Strategy Recommendation Engine integrating the data team's internal model, with extensible strategy-specific data mappings and monthly eligibility processing. Built a transition script for existing eligible clients and performed dry-run testing.
- Improved proposal, payment, and billing flows, including LLC filing fees and multi-company billing; delivered self-service personal, tax, and security settings.
- Resolved Plaid/Tight integration failures by stabilizing OAuth iframe behavior and expanding Link event telemetry through GraphQL and Prisma; built an admin dashboard for quick client troubleshooting.
- Led QA, UAT, and release stabilization across frontend, backend, and integration surfaces, coordinating fixes for cross-system regressions.

SOFTWARE ENGINEER **Mar 2020 – Present**

Freelance/Contract ***Remote***

- Build full-stack web and SaaS applications with TypeScript, React, Next.js, Node.js, and PostgreSQL for healthcare, nonprofit, and technology clients, including Workers Benefit Fund, B4Project, SalmonState, and CalCAN.
- Work with clients to understand customer needs, analyze workflows, and translate business goals into product requirements, scope, and priorities.
- Own architecture, implementation, testing, deployment, and ongoing support, balancing customer value, technical tradeoffs, delivery constraints, and maintenance.
- Manage client relationships, project timelines, and technical communication, keeping decisions and progress clear across concurrent engagements.

SENIOR SOFTWARE DEVELOPER **Apr 2023 – Jun 2023**

Enerflo ***Remote***

- Developed SaaS features with React, TypeScript, Next.js, Tailwind, and ChakraUI, integrating GraphQL, Nest.js, PostgreSQL, and gRPC APIs.
- Reviewed pull requests, enforced test coverage standards, and contributed to architectural decisions.
- Worked directly with product and executive stakeholders to translate product goals into shipped features.

HEAD OF DEVELOPER RELATIONS **Aug 2021 – Oct 2021**

Flare Network ***Remote***

- Led the Songbird network launch and developer community growth to 250K+ members.
- Created developer-focused technical documentation to support platform usability and adoption.
- Developed a strategic partnership roadmap for the EVM-compatible blockchain network.

SOFTWARE ENGINEERING LEAD INSTRUCTOR **Apr 2020 – Feb 2023**

General Assembly ***Remote***

- Mentored 200+ students through a full-stack software engineering immersive.
- Delivered individual and group instruction, adapting curriculum delivery to cohort performance.
- Led an instructional team that sustained a 100 NPS score across multiple consecutive cohorts.

CONSULTANT / WEB DEVELOPER / SPECIAL PROJECTS **May 2016 – Jan 2019**

The Verden Group ***Remote***

- Managed 20+ healthcare practice launches, coordinating medical board credentialing and operational workflows.
- Built and deployed websites for healthcare providers to support their patient-facing digital presence.
- Redesigned client onboarding processes, reducing practice setup time by 27%.

EDUCATION

Software Engineering Immersive – Full-Stack Development
General Assembly

Bachelor of Arts – Business
Goshen College

LINKS

LinkedIn: linkedin.com/in/davidmagbee | **GitHub:** github.com/davidmagbee | **Website:** davidmagbee.com

BetterArts Board Member: betterarts.org/board-of-directors