

Otis Vickers-Graver

Based in UK/UAE | 07826316890 | otisvickersgraver@gmail.com | linkedin.com/in/otisvickersgraver

SUMMARY

Full Stack Engineer with over five years of experience building production grade applications in TypeScript and JavaScript across both startup and corporate environments. Strong history of building client interfaces using React and Next.js, and backend services in Node.js backed by PostgreSQL, MongoDB, and InfluxDB. Previous work includes multi-region e-commerce platforms, real-time telemetry systems, high throughput APIs and beautifully designed websites and applications. Proactively use AI tools to accelerate delivery without sacrificing quality, and confident picking up and learning new technologies quickly.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, HTML, CSS, Ruby, Bash

Frontend: React, Next.js, Astro, SolidJS, Angular, Tailwind CSS

Backend and APIs: Node.js, Express, REST APIs

Databases: PostgreSQL, MongoDB, InfluxDB, SQL

AI tools: Claude, Cursor, GitHub Copilot

DevOps and testing: Docker, AWS, Terraform, GitHub Actions, Jenkins, Vercel, Cypress, Mocha, Chai, Nginx, Git

Platforms: Shopify, Stripe, Klarna, PayPal, Storyblok, Contentful

WORK EXPERIENCE

Senior Full Stack Engineer

Jan. 2023 to Present

ROLI

London

- Built a full-stack e-commerce platform using TypeScript, React, Next.js, and Node.js that merged two storefronts into one multi-region application.
- Designed Node.js, Express, and MongoDB REST APIs for a self-service order history feature, which cut customer support ticket volume for order lookups.
- Integrated payment and checkout systems for Shopify, Stripe, Klarna, and PayPal. Wrote the data access layer and error handling to prevent payment failures.
- Built a command-line tool with Claude and GitHub Copilot APIs to automate sprint ticket creation, account provisioning, and pull requests.
- Led the technical rollout for the Japanese market. Added edge-based location detection, localised checkout flows, and compliance controls for APPI and COPPA standards.
- Designed a multi-step user onboarding flow for ROLI's CASIO partnership, guiding new customers into subscription signups.
- Reduced page load times through asset caching, real-time inventory updates, and dynamic cart state management.
- Parallelised the Cypress end-to-end test suite within CI/CD pipelines, which reduced test run duration by 80 percent. Fixed indexing and crawling bugs found during technical SEO audits.

Software Engineer and Team Lead

Mar. 2021 to Dec. 2022

OLR

London

- Led frontend and backend engineering for HAWK, a monitoring platform for retail point-of-sale systems. Used React, Next.js, Node.js, and InfluxDB to stream telemetry into operational dashboards.
- Built a Node.js REST API layer with session token authentication, OpenAPI documentation, and queries tuned for InfluxDB and SQL databases.
- Managed and mentored four engineers. Led sprint planning and retrospectives, ran code reviews, and managed deployments across staging and production environments.
- Worked with enterprise clients and product managers to define technical requirements, scope deliverables, and set delivery milestones.
- Configured automated alerts across distributed servers using Kapacitor and PowerShell to detect infrastructure failures before client outages occurred.

- Upgraded infrastructure for high availability alongside principal architects. Built automated cloud deployment pipelines using AWS, Terraform, Jenkins, and Nginx.

Software Engineer

Jan. 2019 to Mar. 2019

Pirical

London

- Built and deployed a Node.js REST API to OpenAPI specifications to deliver data for the legal analytics platform.
- Developed a client analytics interface in AngularJS and Node.js to display large legal datasets and improve interaction speeds.
- Redesigned the company website using HTML, CSS, and JavaScript for mobile and desktop browsers.

EDUCATION

Makers Academy

London

Software development intensive

Sep. 2020 to Dec. 2020

- Completed a 16-week software engineering curriculum focused on object-oriented programming and test-driven development.
- Built full-stack applications in team projects using Agile sprints, daily stand-ups, and retrospectives.

City and Islington Sixth Form College

London

International Baccalaureate

Sep. 2010 to June 2012

- Completed the International Baccalaureate diploma alongside 50 hours of community outreach, agricultural projects, and youth mentoring.

INTERESTS

Technology: Using LLMs to build personal projects, and helpful tools to automate day-to-day, tasks.

Community: Volunteer in residential construction, and teach introductory programming to young people.

Extended work experience, and portfolio available upon request.