Michelle Garrett

Senior Software Engineer

SUMMARY

Senior Software Engineer of 7+ years, experienced with web development, GraphQL and JavaScript. Recent Twitter alumni. I care about crafting beautiful products.

TECHNICAL SKILLS

- **Frontend development** with *React, TypeScript, Styled Components*
- **Backend development** with *Node*
- GraphQL API development
- Testing *(Jest, React Testing Library, Cypress)* and accessibility

EXPERIENCE

Twitter

FEBRUARY 2021 - NOVEMBER 2022

Software Engineer, Core API

Stewarding the GraphQL API, a critical high-traffic core service serving as the backbone of nearly 100% of product features at Twitter and receiving ~730 billion requests/day.

- Developed a high quality suite of web tools to support GraphQL development at Twitter, using **React**, **TypeScript**, **Node**, **Styled Components**
- Led design and development of a new product "Query Dependency Mapper", giving visibility into the dependency tree of GraphQL queries in production, reducing *"time to root cause"* from minutes to seconds during on-call incidents
- Evangelised new web technologies within the team: introduced **Styled Components**, moved codebase from Flow to **TypeScript**, spearheaded adoption of **React Testing Library**, introduced shared infrastructure for feature flags
- Served as a **GraphQL** schema modelling expert for high profile products including Twitter Shopping, Twitter Safety Center, Twitter Ads and TweetDeck
- Ensured the reliability of Twitter's core API in a highly **distributed system** across three data centres, as a key member of the on-call rotation

Condé Nast

SEPTEMBER 2016 - JANUARY 2021

Senior Software Engineer, Brand Sites (Vogue, GQ, Bon Appétit)

Built websites for Condé Nast's portfolio of iconic brands, with a specific focus on Vogue, GQ and Bon Appetit.

- Built a multi-tenant **React** application serving websites for 20+ brands (including Vogue, GQ, Bon Appétit, Wired, Vanity Fair, The New Yorker), with 200+ million page views per month
- Developed a new global **design system** for Condé Nast websites, tailoring components to user needs and documenting with **Storybook**
- Replatformed 21 international Vogue and GQ websites, moving from legacy technology to a central **JavaScript**-based stack supporting 8 languages
- Developed the flagship recipe page for Bon Appétit in collaboration with UX and design, improving usability and ad viewability metrics across the board

Senior Software Engineer, Content API

Built a GraphQL API to serve Condé Nast's international brand sites, serving 400+ million requests per month.

- Drove adoption of **GraphQL**, taking it from proof of concept to an organisation-wide API used by Condé Nast's 20+ international brand sites
- Led development of the core GraphQL API using **TypeScript**, **Node** and **Apollo Server**, unifying the company's data layer, and accelerating product development
- Established patterns for querying GraphQL in client applications with **React** and **Apollo Client**, creating a seamless developer experience for frontend teams

WonderLuk

AUGUST 2015 - AUGUST 2016

Web Developer

Key engineer for a small, innovative fashion tech startup, developing an e-commerce platform for custom 3D printed jewellery.

ACHIEVEMENTS

Technical Speaker

Delivered 20+ technical talks internationally, speaking extensively about GraphQL, API development, React and Node.

QCon, GraphQL Summit, NodeConf EU, NodeConf Argentina, NodeConf Barcelona, CodeMotion, ruhr.js, Microservices London, Women in DevOps, Codebar

Node Girls - *Organiser*

Organised free JavaScript workshops for women, with 500+ alumni internationally.

EDUCATION

Founders and Coders, London - *Full Stack Development*

University of Sydney, Australia - *Bachelor of Arts (French, English Literature)*