MICHAEL GIFFORD

Problem solver fueled by copious amounts of hazelnut iced lattes

```
if (code && design && biz) {
    let status = 'Triple Threat';
    return status;
}
```

✉ hello@michaelgifford.com 📱 +1 408.599.2275 🔗 michaelgifford.com

SKILLS

I <3 React!

Languages:	JavaScript, TypeScript, Python, Swift
Frameworks:	ReactJS, React Native, Apollo, Redux, Express, Flask, Django
Databases:	Firestore, Firebase Realtime Database, MongoDB, MySQL, MariaDB
Visual Design:	HTML, CSS, Sass, Adobe Creative Suite (Photoshop, InDesign, Illustrator), SketchUp, UI, UX, branding, graphics
Tools + Tech:	Node.js, Google Firebase (Auth, Functions, Storage, Firestore, RTDB), AWS (AppSync, Lambda, CloudFormation, S3, EC2, et al), Jitsi, Nginx, Apache, Docker, Linux (Ubuntu, Debian, et al), Git, Jira, Confluence, VS Code, Spotify
Interests:	full-stack development, server-less platforms, mobile apps

EXPERIENCE

SEATTLE, WASHINGTON
Ensembl
Full-stack Software Developer :: 08.2020 – Present

- Build front-end web app with ReactJS, Firebase, Redux, and Styled core technologies
- Create iOS + Android mobile app clients with React Native
- Develop back-end logic with server-less Node.js Firebase Functions
- Design system architecture based on async event-driven workflows
- Integrate S3, SendGrid, Stripe, self-hosted Jitsi video conferencing server, et al
- Implement real-time sync'd timers, recurring rules, ical feeds, automated reminders, file uploads

BELLEVUE, WASHINGTON
Center
Senior Software Development Engineer (Sr SDE) :: 05.2017 – 08.2020

- Build front-end webapp with ReactJS, Apollo GraphQL, and Styled core technologies
  - Center Expense app (for finance and dept managers to track expenses in real-time, manage employees, reports, etc.; and spenders to perform expensing tasks via web)
  - Built from a two-person web team to three scrum teams contributing
  - Architect reusable code throughout — from generic component lib to feature components
  - 'Own' areas including Async Jobs, Delegate Mode, Inbox + Alerts, Custom Workflows
  - Write tests with React Testing Library (interactive UI testing)
- Develop logic on AWS AppSync GraphQL server layer
  - Receipt file swaps in attach/detach mutation to avoid web client performing data-heavy tasks (work-around of receipts service API limitations)
  - Perform N calls to execute bulk operations when batch API not supported by service
  - Inject data from various services via resolvers to join related data in single client query
- Design + Build server-less microservices + RESTful APIs
  - General Ledger service (Lambda, DynamoDB) to store GL accounts
  - Emails service (Lambda, SES) to process email reminders
  - Communication Preferences service (Lambda, DynamoDB) to manage and delegate user notifications (eg route reminder emails for execs to assistants)
- Implement PDF report generator in Node.js to generate monthly statements
- Mentor junior developers of fast-growing company across engineering teams
- Collaborate with peers on tech designs, implementations, code reviews, QA, etc.

HONOLULU, HAWAII
Dodecki
Startup Founder (CEO) :: 04.2012 – 04.2017

- Launch startup from idea to shipped product with revenue ($17K) and users (391)
- Contribute to Ionic/AngularJS front-end code base
- Design UI/UX for consumer + merchant iOS/Android mobile apps
- Recruit co-founders + pitch idea to mentors, investors, and colleagues; raise investment capital
- Develop brand identity (logo, stationery, marketing materials, presentation)

NONPROFIT

KAILUA-KONA, HAWAII
Hawai'i Island HIV/AIDS Foundation
Secretary, Member of the Board (volunteer) :: 04.2011 – 04.2013

- Produce Hoʻokupu magazine to tell story of HIHAF, generating an additional $17,000 in revenue
- Redesign brand identity that honors legacy logo
- Serve on ad hoc executive hiring committee to recruit and select new executive director

EDUCATION

NORMAN, OKLAHOMA
University of Oklahoma
BA, Advertising

HATFIELD, HERTS, ENGLAND
University of Hertfordshire
AA, Graphic Design

BELLEVUE, WASHINGTON
Coding Dojo
Software Development

HONOLULU, HAWAII
Founder Institute
Startup Entrepreneurship