

Tyler Lafayette

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Full-stack web developer & designer based in Berkeley, California with over 5 years of experience

Work experience

2020—Present

Full-stack software engineer consultant, Etalon Diagnostics

Consulted on various projects ranging from genetic analysis pipelines in Python and R to full-stack web design and development using .NET Core, Node.js, and React.js.

2021—Present

Software development operations consultant, Galatea Bio

Provisioned and maintained large-scale cloud infrastructure on AWS for distributed/decoupled software pipelines. Advised on and implemented ideal infrastructure solutions for scalable automated pipelines.

2017—2019

Cross-platform full-stack engineer and UI/UX designer, Flik

Co-founded and developed an encrypted instant messaging concept. Developed distributed microservices in Go and a client-facing mobile app using React Native.

Education

B.S. in Electrical Engineering and Computer Science, UC Berkeley

Intending to graduate May 2025

Cumulative GPA of 3.76

Relevant coursework

COMPSCI 61A: *The Structure and Interpretation of Computer Programs*

COMPSCI 61B: *Data Structures*

Skills

Programming languages & frameworks

Rust

Go

JavaScript

Haskell

C#/.NET

Python

Java

TypeScript

React

Erlang

Elixir

Node.js

HTML/CSS

Databases

MySQL/MariaDB

PostgreSQL

MongoDB

Cassandra

Redis

Cloud infrastructure & tools

Amazon AWS

Google Cloud Platform

Terraform

Docker