

Richard Monroe

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I am a full-stack software engineer especially interested in building delightful user interfaces with React and Node. I have experience bringing products to market quickly and am skilled in developing highly efficient web applications.

EDUCATION

Harvard University

Bachelor of Science in Computer Science
GPA: 3.74/4.0; Dean's List 2016-2020

Cambridge, Massachusetts

May 2020

TECHNICAL SKILLS

Languages: Python, JavaScript (ES6), Ruby, Rails, Swift

Databases: PostgreSQL, MySQL, Redis, ORMs

Technologies: AWS, Azure, Elasticsearch, Docker, Git

EXPERIENCE

Company Red

Software Engineer II

San Francisco, California

April 2023 – Present

- Implemented RESTful services and APIs for cross-platform integration, which are now utilized by over 10,000 monthly active users.
- Mentored 4 junior developers, providing guidance on best practices and code reviews, leading to a 20% increase in team productivity.

Company Green

Software Engineer

San Francisco, California

April 2022 – March 2023

- Revamped email system efficiency by developing an analytic tool that classified 500,000 emails, working in tandem with email service providers, leading to a 45% boost in user engagement during the registration process.
- Spearheaded overhaul of marketing pages, developing 30+ marketing pages in collaboration with design team and ad-agency, driving thousands of new conversions.
- Served as the primary point of contact for the company's outsourced development team, guiding project scope and direction, and ultimately taking ownership of the codebase as the company transitioned to a new strategic focus.

Company Blue

Software Engineer

New York, New York

May 2020 – April 2022

- Contributed to the development of an e-commerce platform that supported a 200% increase in online sales within the first year of launch.
- Automated the deployment process using CI/CD pipelines, reducing the release cycle time by 40%.
- Assisted in the integration of third-party payment gateways, enhancing customer payment options and increasing transaction security.

Company Yellow

Software Engineer Intern

New York, New York

May 2019 – August 2019

- Implemented a Python script to automate the extraction of data from social media APIs, slashing manual data collection time by 75%.

RECENT PROJECTS

OpenSpace Scheduler

- Developed a cloud-based room reservation system for coworking spaces using Node.js and React, featuring Google Calendar integration.

Fitness Pro Tracker

- Created a mobile app to track fitness activities and nutrition, employing Swift for iOS development and Firebase for backend services.
- Integrated machine learning models that successfully adapted workout plans, resulting in a 20% increase in user-reported goal attainment.