




Nathan Rich


Full-Stack Developer

CONTACT

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Buxton, ME 

nathan-sl-rich 

nsrich 

EDUCATION

B.S. in Computer Science
University Of Southern Maine
Portland, ME
May 2020

SKILLS

Programming Languages

JavaScript / TypeScript
Python
Java

Frontend

React.js
Angular
HTML
CSS / SASS / Tailwind CSS

Backend

Express.js
Nest.js
ORM's / Sequelize

Databases

SQL
MongoDB

Tools and Software

Agile
Amazon Web Services (AWS)
Docker
Jira
Git / GitHub
Google Cloud Platform (GCP)
Linux / Unix
Windows

EXPERIENCE

Full-Time Engagement Professional

Robert Half May 2024 - July 2024

Senior Full-Stack Developer

Working America (Contract) Jan 2024 - May 2024

- Created dashboards utilizing Node.js, React.js, Express.js, and BigQuery for robust data visualization and management.
- Implemented automation for data aggregation from diverse private and public APIs.
- Deployed multiple scripts and applications on GCP's Firebase and Cloud Run platforms for efficient execution and scalability.
- Developed APIs using GCP's Cloud Functions and Cloud Run.

Senior Software Engineer

Perceptly Jun 2022 - Jun 2023

- Designed, developed, and maintained a full-stack web app using MERN stack and BigQuery.
- Established API connections to Facebook, Google, and TikTok accounts for seamless data exchange.
- Led the design and development of payment collection functionalities via Stripe's API.
- Created and deployed automation software for data collection from various APIs using Python and Node.js.

Software Engineer

Yale Cordage Jan 2020 - Jun 2022

- Developed and launched a web application using React, Node.js, and MySQL/SQL Server databases.
- Created rope testing software using Python, incorporating Tkinter, Matplotlib, and MySQL.
- Designed and implemented custom reporting tools utilizing data extracted from an ERP system.
- Ensured the continuous maintenance and updating of web applications, software, and reporting tools for optimal performance and functionality.

SQL Database Intern

Yale Cordage Jul 2019 - Jan 2020

- Designed, wired, programmed, and deployed Raspberry Pi's and Arduinos to gather machine data effectively.
- Established databases using InfluxDB and MySQL specifically tailored for storing machine data.