

# Ross Todd

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## SUMMARY

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- Lead Web Application Developer with a strong engineering background and over 7 years of experience as a professional.
- Experience in the full life cycle of software project development in various areas like Node, React/Next, Angular, TypeScript, Cloud, and Databases.
- Experience in building end-to-end single-page applications (SPA) solutions using data binding and MVVM on the client, data services for abstracted calls, navigation and routing, responsive design for mobility, and local storage.

## EXPERIENCE

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### Owner

RMT Dev LLC

April 2022 - Present, Seattle, WA

- Operate a software engineering consultancy, designing and building web applications for clients.

### Substitute Instructor

University of Washington

January 2020 - Present, Seattle, WA

- Substitute instructor for the Full Stack Web Development curriculum provided by the University of Washington's Continuing Education Program.
- I effectively taught fundamental to intermediate full-stack web development principles to students through multiple laboratory exercises.

### Senior Software Engineer

Nike

May 2022 - July 2023, Remote

- Designed and implemented a serverless, event-driven architecture through AWS services, including ETL jobs via Glue/Athena, Lambda, SNS/SQS, Dynamodb, Kinesis, S3, and Kafka to manage user data in a manner compliant with regional legislation.
- Implemented endpoints for managing user permissions of anonymous users with a team of 5 developers.

### Senior Software Engineer

Volume

May 2021 - May 2022, Remote

- Full-stack development of a Django/Typescript application that enabled musicians to stream video and audio to an online audience, including designing & implementing the website's front-end, backend, and infrastructure.
- Implemented a new design system, refactored legacy codebase to adopt ITCSS, and improved performance metrics.

### Lead Software Engineer

lululemon

May 2019 - May 2021, Seattle, WA

- Front-End engineer developing the product pages of a NextJS e-commerce application.
- Coordinated delivery of UI features on the product detail pages through collaboration with user experience, product, brand, and engineers to improve conversions.

### Software Engineer

Migo, Inc

May 2019 - April 2020, Seattle, WA

- Full-Stack development on a React (GatsbyJS), Node, DynamoDB application to provide a single-source aggregation of transportation options.

- Refactored SCSS to conform to ITCSS convention, reduced CSS stylesheet rule declarations by a factor of 3, media queries by a factor of 2, and reduced CSS specificity across rulesets.

## **Web Application Developer**

**Humming**

**February 2018 - May 2019, Seattle, WA**

- Full-Stack development of a React, Node, and PostgreSQL application to deliver localized advertising to small businesses.

## **Teaching Fellow**

**LaunchCode**

**July 2017 - August 2018, Seattle, WA**

- Assist students with debugging code, implementing third-party APIs, designing software applications, and comprehending web development and computer science concepts.

## **Software Developer - Contract**

**IUNU**

**April 2017 - June 2017, Seattle, WA**

- Built and maintained a React/Redux/Node/Express/Mongo DB web application to track agricultural processes.
- Used Ansible to push updates and configurations to IoT devices in the field, and developed, improved, and maintained Python programs to collect Data from sensors and cameras on IoT devices.

## **EDUCATION**

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### **M.A. English Language and Literature**

Louisiana Tech University • Ruston, LA • 2015

### **B.A. History**

Louisiana Tech University • Ruston, LA • 2013

## **CERTIFICATIONS**

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### **Grow With Google Challenge Scholarship Mobile Web Specialist Challenge Course**

Udacity • 2018

Mobile Web Development

### **Full Stack Web Development**

Galvanize, Inc • 2017

## **SKILLS**

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- **Programming Languages:** JavaScript, TypeScript, Python, Rust
- **Frameworks:** React, NodeJS, Express, Flask, Django
- **SQL:** MySQL, PostgreSQL
- **NoSQL:** Mongo DB, Couch DB
- **Build Tools:** NPM, Webpack, Gulp
- **Build Automation:** Jenkins, CircleCI
- **Cloud:** AWS - Lambda, S3, Cloud Formation, EC2, DynamoDB, Glue