

Marty Kane

Senior Software Engineer

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EXPERIENCE

OpenLane

Sept 2024 - Present

Staff Software Engineer

- Technical lead on large-scale replacement of legacy Java app with NodeJS/Typescript
- Contributed to multiple migration projects moving systems into AWS infrastructure
- Node, Typescript, AWS, Java, REST, SOAP, DynamoDB, CloudFormation, DMS, Oracle

Monument, Inc.

Jun 2023 - Sept 2024

Lead Software Engineer

- Built platform authentication system integrating with AWS Cognito.
- Built scalable systems using Nest.js, AWS Lambda and SQS.
- Architected large-scale features including CRM and communications (email and sms)
- Worked with product manager to scope, estimate and plan new features.
- Direct technical and managerial oversight of a team of software engineers.
- Typescript, Node, React, AWS, Cognito, Lambda, MySQL, Nest.js

Bison Technologies

Sep 2021 - Apr 2023

Senior Software Engineer

- Replaced a third-party invoicing system saving the company \$500k annual costs.
- Architected and optimized invoice matching, saving hundreds of manual hours.
- Added a new product line to our SaaS platform.
- Built a responsive progressive web app in React.
- Built features full stack in Mongo, TypeScript, Nest.js, Vue and React.

Chicago Mercantile Exchange

Jan 2019 - Sep 2021

Senior Software Engineer

- Technical lead on research projects including architecture and task scoping.
- Rewrote a suite of automated end-to-end tests to ensure regulatory compliance.
- Worked with a remote team as an individual contributor on internal projects.
- Javascript, Node, React, Python, Jenkins, HTML, CSS

Pixo at pixotech.com

Jan 2014 - Jan 2019

Senior Software Engineer

- Technical lead on many client projects including architecture and scoping.
- Lead developer on the CARLI Select suite of business applications. Angular and Couch.
- Built full stack applications using Node, Angular, MySQL, HTML and CSS.
- Built custom software using PHP, MySQL and Symfony.
- Collaborated with project management to deliver projects on time and within budget.

Wolfram Research

Aug 2007 - Dec 2014

Software Developer

- Part of the core Wolfram Alpha web application team.
- Full stack development in Java, MySQL, Javascript HTML and CSS.
- Owned the Wolfram Alpha REST API, serving millions of requests per day including Siri.

SKILLS

Languages and Frameworks

- JavaScript (expert), TypeScript (expert), Python (experienced), Java (advanced), PHP (advanced), Symfony (experienced), Node.js (advanced)
- React (experienced), Vue (experienced), Angular (experienced)
- HTML (expert), CSS (expert)

Databases

- MySQL (advanced), CouchDB (experienced), Mongo (proficient), DynamoDB (proficient)

Software Development

- Agile (expert), Test Driven Development (advanced), RESTful API Design (advanced), System architecture (advanced), AWS Lambda (proficient), AWS Cognito (proficient)
- Project leadership (advanced), estimation (advanced), task scoping (advanced)

DevOps

- Docker (experienced), Github actions (proficient), Jenkins (proficient), Git (expert)

PROFESSIONAL ACTIVITY AND PRESENTATIONS

I have presented at conferences, mentored with an online bootcamp, and done one-on-one mentoring. Please see my personal web site for more: <http://martykane.org>

EDUCATION

Hope College

Bachelor of Science in Computer Science

REFERENCES

Available upon request