

Nicholaus Marsden

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GitHub: github.com/NickAMars

Portfolio: nicholausmarsden.com

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, TypeScript, React, Node.js, Express, Redis, Kafka, Redux, Mobx, RESTful APIs, Jest, Test-library, SQL, NoSQL, HTML5, CSS3
- **Exposure:** Java, Python, Angular 15, Vue, Spring Boot, Webpack, jQuery, Docker, Azure, Kubernetes, AWS (EC2, Lambda, S3, CloudWatch, SQS, SNS, DynamoDB, RDS)

>PROFESSIONAL EXPERIENCE

Cricket Wireless | Full Stack Engineer | Atlanta, GA

Feb 2024 - Present

- Created a custom npm module to manipulate the DOM by injecting modals, updating plan features, and adding promotional content into a microservice frontend. This enhanced user experience by displaying account-specific content and errors across 15+ pages. Utilized JavaScript, TypeScript, and Node.js
- Implemented Google Analytics into the frontend system to track user interactions of over 40K+ daily users. This integration provided insights into the checkout process using JavaScript and TypeScript.
- Converted a legacy codebase from JavaScript, React, Angular 15 and Node.js to meet internal company standards. This redesign optimized new feature implementation time by 40-50%.
- Worked with a backend team of 12+ engineers using Swagger documentation for RESTful APIs. Technologies included TypeScript, JavaScript, Node.js, Java, Spring Boot, MongoDB, Docker, Kubernetes and Azure.
- Applied Jest for unit and integration tests, boosting test coverage of repositories to at least 90%.

Universal Orlando Resort | Senior Software Engineer | Orlando, FL

Aug 2023 - Feb 2024

- Developed an event processor using Kafka in Node.js, increasing the throughput of ticket registrations to over 150+ per second for Universal Orlando Studio.
- Implemented a feature that integrated a backend solution within JavaScript, TypeScript, and React, allowing users to add up to 100 guests to their party.
- Created a RESTful API in JavaScript, TypeScript, and Node.js, enhancing customer satisfaction by enabling users to receive and modify their data within CouchDB and/or MSSQL. Additionally, implemented performance optimization features using Redis.

IBM | Software Engineer | Sandy Spring, GA

Feb 2022 - Aug 2023

- Contributed to a \$3B ecosystem growth project, working with technologies including JavaScript, React, MobX, Node.js, Java, Spring Boot, Redis, Kafka, Kubernetes, Docker, IBM Cloud, DB2, and CloudantDB.
- Transitioned 90K+ opportunities (Software/SaaS/Hardware) from PRM to DMT for processing new incentives utilizing automated approaches to determine incentive eligibility in TypeScript, React, and Node.js.
- Created dynamic tables, user forms, transition logic, filters, and other key features in JavaScript, TypeScript, React, and MobX, enhancing user navigation through the UI/UX.
- Developed permissions, approval settings, exchange rates, and other essential features in TypeScript and Node.js, playing a crucial role in application delivery.

Stanley Black & Decker | Software Engineer | Atlanta, GA

Oct 2020 - Feb 2022

- Engineered system using JavaScript, React, Redux and Vue.js to harness industry-level activity data, informing day-to-day activities within each individual manufacturing plant.
- Collected data from Azure MS SQL database was filtered with SQL queries utilizing Node.js RESTful API for authentication, and authorization; cached data with Redis in Node.js and supplied data for charts.

Itlize Global LLC | Full Stack Developer | Piscataway, NJ

Jun 2019 - Oct 2020

- Created an internal managerial system to track employee progress, provide feedback, ensure data security, and manage other aspects using JavaScript, TypeScript, React, Angular 6, Spring Boot, Node.js and AWS.

>EDUCATION

Bachelors Computer Engineer, University of Arkansas

May 2019

>CERTIFICATIONS

[AWS Certified Developer](#) - Associate

2024