Nicholaus Marsden

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>LANGUAGES AND TECHNOLOGIES

Programming Languages:	JavaScript, JavaScript ECMAScript, Typescript, Java, python
Web Development:	React, Redux, Mobx, Angular (6/15), NGRX, HTML5, CSS3, SCSS, Vue2, Carbon Components, Material UI, Bootstrap, jQuery, Axios, RxJS
Server-Side Technologies:	NodeJS, ExpressJS, Restful API, GraphQL, Apache Kafka, Spring Boot, Hibernate, JDBC, Spring Cloud, Spring AOP, Swagger UI
Database:	MySQL, MS SQL, MongoDB, CouchDB, IBM CloudantDB, IBM DB2, DynamoDB, Redis
Testing Tools:	Jest, Test-library, Mocha, Chai, Jasmine, Karma, Jest, Enzyme, Junit, Mockito, Cypress
Tools:	Postman, GitHub, Bitbucket, Jenkins, AWS (EC2, Lambda, S3, CloudWatch, SQS, SNS, DynamoDB, RDS), Docker, Kubernetes, Linux, IntelliJ, Visual Studio, Maven, Webpack

>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, enhancing user experience across 15+ pages using JavaScript, TypeScript, and Node.js.
- Implemented Google Analytics to track user interactions for over 40K+ daily users, providing insights into the checkout process.
- Converted a legacy codebase from JavaScript, React, Angular 15, and Node.js, optimizing new feature implementation time by 40-50%.
- Collaborated 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 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 ticket registration throughput to over 150+ per second, leveraging AWS services.
- Worked in an Agile environment to develop a Theme Park application for Universal Studios, implementing React with HOC for reusable structure.
- Integrated backend solutions within JavaScript, TypeScript, and React, allowing users to add up to 100 guests to their party, with backend services deployed on AWS.
- Managed NoSQL and SQL databases including CouchDB and MSSQL for record storage.
- Created RESTful APIs in JavaScript, TypeScript, and Node.js, enhancing customer satisfaction by enabling users to receive and modify their data.

IBM | Software Engineer | Sandy Spring, GA   Feb 2022 - Aug 2023
- Contributed to a $3B ecosystem growth project using JavaScript, React, MobX, Node.js, Redis, Kafka, Kubernetes, Docker, IBM Cloud DB2, and CloudantDB.
- Built dynamic, interactive web applications using React to create reusable components with Carbon components, styled-components, and CSS.
- Transitioned 90K+ opportunities (Software/SaaS/Hardware) from PRM to DMT for processing new incentives, utilizing automated approaches in TypeScript, React, and Node.js.

- Developed dynamic tables, user forms, transition logic, filters, and other key features in JavaScript, TypeScript, React, and MobX, enhancing user navigation.
- Implemented essential features such as permissions approval settings and exchange rates in TypeScript and Node.js.

Stanley Black & Decker | Software Engineer | Atlanta, GA   Oct 2020 - Feb 2022
- Engineered systems using JavaScript, React, Redux, and Vue.js to harness industry-level activity data, informing day-to-day activities within manufacturing plants.
- Utilized Redux for state management and props for effective data communication.
- Collected and filtered data from Azure MS SQL database with SQL queries, utilizing Node.js RESTful API for authentication and authorization; cached data with Redis.
- Implemented middleware using Joi for validation, role-based access, and error handling.
- Documented microservices APIs in NodeJS with Swagger, facilitating easy accessibility through Azure API Management.

Itlize Global LLC | Full Stack Developer | Piscataway, NJ   Jun 2019 - Oct 2020
- Integrated a JavaScript and React front end with a backend AI solution to analyze and highlight medical details in patient CT scans.
- Leveraged Webpack to optimize the build process of React.js applications.
- Created an internal managerial system to track employee progress, provide feedback, ensure data security, and manage other aspects using JavaScript, TypeScript, Angular 6, Spring Boot, Node.js, and AWS.
- Expanded knowledge and proficiency in Angular 6 and Spring Boot through dynamic team collaboration.
- Implemented global state management using the NGRX library for efficient data management.

>EDUCATION
Bachelors Computer Engineer, *University of Arkansas*   May 2019

>CERTIFICATIONS
[AWS Certified Developer](#) - Associate   2024