

Kethireddy Nihanth Kumar Reddy

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EDUCATION

Master of Science in Computer Science | Texas A&M University | Commerce, TX | GPA: 3.33 | **Dec 2022**

Relevant Coursework: Algorithm Design, Data Structures, Database Systems

Bachelor of Technology in Computer Science | Aurora Scientific and Technological Institute | Hyderabad, India

SKILLS

Programming Languages: JavaScript, C++, Ruby, Python, HTML/CSS

Frameworks/Libraries: Bootstrap, ReactJS, Redux, Mapbox, NodeJS, Rails, Knex, Bookshelf, GraphQL

Cloud: AWS, Azure

Other Tools/Tech: Zeplin, Prismic, Typepad, Miro, Jira, Asana, Hotjar, Google and Adobe Analytics

Database Tools: MySQL, SQL server, PostgreSQL

PROFESSIONAL EXPERIENCE

Graduate Assistant | Texas A&M University - Commerce | Aug 2021 – Dec 2022 | **Projects: Skills**

- Built user interface from wireframes, boosted functionality of preexisting app.
- Implemented GraphQL into the existing API to improve API response times.

Product Developer | Ramboll | Oct 2020 – Aug 2021 | **Projects: Brutus**

- Proposed new DB schema and tools for backend development to store geo data and implemented.
- Refactored Frontend in ReactJS and implemented Typescript to standardize the coding conventions.
- Proposed Git strategy & setup CI/CD in the Project, documented Coding Standards, Routing & Flow.
- Proposed POSTGIS & implemented to format geo spatial data to db compatible.

Software Engineer | ACS | July 2017 – Oct 2020 | **Projects: Auto.com, Pickuptrucks.com, ShopStevie.com**

- Migrated part of an application from Rails to React, implemented SEO and analytics
- Profiled and Audited the existing React application and improved performance.
- Facilitated staff training in React and Typescript over the course of a year, providing regular feedback and support.
- Worked on Prismic & Typepad CMS (Content Management System) for updating blogs and maintaining internalization.

Software Programmer | SCMDData | July 2014 – Jun 2017 | **Projects: Tasker, EBankart**

- Understood the business, gathered requirements & developed an Android application from Scratch.
- Implemented and maintained macros in Excel to store and retrieve data to Android application.

PERSONAL PROJECTS

Portfolio | HTML/CSS, ReactJS | <https://nihanthreddy.com>

- Designed and developed a basic version portfolio website using **React** to reflect my skills, projects.
- Actively working on adding animations and seamless design.

Razzle-Redux-AfterJS-Typescript | <https://github.com/nihanthkethireddy/razzle-redux-afterjs-typescript>

- A basic skeleton of Isomorphic react application with integrated Typescript and Lazy loading, useful for applications with heavy data during the first load and to maintain code.
- The skeleton was developed when react didn't support Lazy loading, Server side rendering, however the newer version of react supports these features which boosted the application performance by 20%.