

RISHI DHANDI

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EDUCATION

Master of Science in Engineering Management , Plymouth, MN St. Cloud State University, Plymouth, MN	Aug 2021- Present
Bachelor of Science in Electronics and Communication Engineering , Indore, MP Rajiv Gandhi Proudlyogiki Vishwavidyalaya, Bhopal, MP	Aug 2013-Dec 2017

WORK EXPERIENCE

Graduate Assistant at St Cloud State University	Aug 2021- Dec 2021
<ul style="list-style-type: none">Built a newsletter signup using mail chimp, an All-In-One integrated marketing platform for businesses.Utilized industry React best practices for structuring/organizing components to maximize the extensibility and reusability of my code.Designed the experiment pipeline and led the team to work in 1 semester time frame	
Software Developer 1 at Alliant Infotech	Jan 2018 – Feb 2020
<ul style="list-style-type: none">Accelerated front-end-development and assisted with back-end programming for website overhaul. Analyzed existing data to find methods to better utilize existing team resources to increase task success rate by 20%Implemented Agile/Lean development process across different development teams ensuing in 50% reduced risks and trimming 15% Lead timeBuilt a unit testing infrastructure for a client web application using Selenium, which reduced the number of bugsDirected websites of 3 clients and presented weekly reports related to bugs and functionalities of the website <p>Advanced Skills: Core-JAVA, JavaScript, Spring, Spring-boot, Angular, Django, HTML, CSS</p>	

PROJECTS

DoneWithIt

- A React Native application developed using React Hooks, State for users who want to sell personal commodities, furniture, etc.
- Implemented authentication using JWT and Expo. Added support for Offline Storage and provides in-app notifications

My Expense Tracker

- A React.JS application to track overall expenses and income to help facilitate finance management for users
- Utilized React Hooks and developed the app using functional programming in JavaScript ES7

Netflix Clone

- A front-end application which is a complete clone to Netflix created using **React.JS** and **ES7**
- When user clicks on the movie poster, a YouTube trailer of the respective movie plays. Used React Hooks, React-YouTube package, TMDB API to retrieve movie details with respect to specific categories.

E-Commerce: <https://keen-mcclintock-f7fc06.netlify.app/>

- Integrated the **API (Commerce.js)** using **React JS**, to showcase the real time data to user with **Material-ui**. Introduced **Stripe** for payment methods and card transactions resulting in a 10% reduction in error rates
- Led the team of 5 for **Agile** Software development process to organize daily tasks
- Prepared and showcased results of application implementation to advise team on future uses and practicality of full-scale adaptation of the project

Alan-Ai News Web Application

- Built a conversational voice controlled React News application using Alan Artificial intelligence and React JS
- Optimizing code and integrating with Cross-Platform Software AI to enable voice capabilities for the application to achieve a 35% uplift in search speed
- Applied the experience of previous years in Software Development Life Cycle (SDLC) to design, code, develop and test the application and reduce 15% of the page load time

TECHNICAL SKILLS

Programming Languages:	Core-Java, HTML, CSS, Javascript, Python, SQL, ReactJS, Vue, NodeJS, GraphQL, TypeScript, EJS, Sass, XML, Bash, ECMAScript
Frameworks and Libraries:	J2EE, Flask, Django, Bootstrap, Angular, Express.js, Material-UI, Spring-Boot, Spring MVC, jQuery, Hibernate, JUnit
Databases:	NoSQL (MongoDB, DynamoDB), SQL (MySQL, PostgreSQL)
Software and Technologies:	AWS, Firebase, Git, Maven, AJAX, GTKMM, pkg-config, hit, Heroku, Flexbox, Data Structures and Algorithm, JSON, REST APIs, Unix/Linux, Oracle