

RISHABH TATIA

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EDUCATION

TEXAS A&M UNIVERSITY / College Station, Texas

Aug 2018 - May 2022

Bachelor of Science in **Computational Mathematics** with a minor in Computer Science

Technical Skills: Node.js, Spring Boot, ReactJS, React Native, AWS, Firebase, Flask, Git, Typescript, Java, Python, C++, PHP

Relevant Coursework: Algorithm Design and Analysis, Data Structures and Algorithms, Discrete Mathematics, Numerical Methods

RELEVANT EXPERIENCE

INTUIT / Full Stack Software Engineering Intern / Remote

May 2021 - Aug 2021

- Refactored and enhanced the backend powering the Finish and File section in Turbotax utilizing **Spring Boot** and **Java**.
- Devised and extended libraries to improve server side rendering and server-driven UI functionality for TurboTax Online.
- Enhanced front-end plugins and widgets used to guide users on Turbotax using **React**, **Redux**, and **Lottie**.
- Worked in an **Agile** environment with a **Jira** ticketing system to monitor projects and ensure timely delivery of value.

TAMU DATATHON / Tech Lead / College Station, Texas

May 2020 - Present

- Organized one of the largest MLH Datathon events with **1000+ applicants**, spanning **100+ majors**, and **120+ universities**.
- Lead two teams of engineers to enhance the online presence and build the **challenges platform** for the event.
- Constructed Portal, an event showcase and participation platform combined with user tracking, with **Node.js** and **React**.
- Developed Mercury, a mailing web application consolidated with Mailgun to edit, view, and send custom HTML emails.

APPLIED COGNITIVE ERGONOMICS LAB / Full Stack Developer / College Station, Texas

Feb 2020 - Present

- Designed and updated webpages for easier access to information and better user experience through **HTML**, **JS**, and **CSS**.
- Created WIEAT, a web-based data entry, visualization, and analysis application leveraging the **Next.js** framework.
- Applied best strategies for improving Acelab's online presence, boosting visitor count to **12,000+ users** per year.

4.0 TUTORING / PHP Developer / College Station, Texas

Aug 2019 - Jan 2020

- Devised a work logging platform with authentication to keep track of employee performance utilizing **PHP** and **SQL**.
- Assisted in boosting tutoring sales by **7%** over one semester by implementing a more efficient workflow for students.
- Redesigned webpages to provide better **SEO**, responsiveness and user friendliness with **HTML**, **JS**, and **CSS**.

PROJECTS

RESUVILLE / Full Stack Developer / resuville.com

Dec 2020 - May 2021

- Developed and launched a free and easy to navigate resume builder website for efficient templating with **Node.js** and **React**.
- Integrated sign up / log in functionality into the app leveraging Auth0 and data storage and tracking through **MongoDB**.
- Implemented a searching and filtering system, along with intricate customization for all available templates.

INTERACTIVE EPISODE ANALYSIS TOOL / Full Stack Developer / wheat.vercel.app

Oct 2020 - Mar 2021

- Invented and published a data entry, visualization, and analysis tool to perform interactive episode analysis.
- Automated tedious process of data collection through a public **Node.js** API, enhancing research efficiency.
- Employed **MongoDB** to create a centralized database for all interactions and episodes for collective data analysis.

AGGIE DEGREE PLANNER / Full Stack Developer / tamudp.vercel.app

Nov 2020 - Dec 2020

- Constructed and deployed a generalized university degree planner application employing the **Next.js** framework.
- Used **Axios** and **Cheerio** to scrape major relevant courses and generate a database of graduation requirements.
- Designed **React** components to integrate progress tracking for students to conveniently check degree progression.

AWARDS

Winner - First Overall and Google Cloud Challenge / TAMUhack 2022 / devpost.com/software/rekkme

Jan 2022

- Developed Rekkme, a prototype **social platform** that aims to help people recommend and discover elements in several categories.
- Built a **recommendation classifier** and tag generator to automatically classify recommendations into their respective categories.
- Designed the UI/UX and integrated a smooth and direct recommending process by making the website a **progressive web app**.