RISHABH TATIA

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EDUCATION

TEXAS A&M UNIVERSITY – College Station, TX   Aug 2018 – May 2022
Bachelor of Science in Computational Mathematics; Minor in Computer Science

Technical Skills: AWS, Firebase, Git, Node.js, Spring Boot, ReactJS, React Native, Typescript, Java, Python, C++.
Relevant Coursework: Algorithm Design and Analysis, Data Structures and Algorithms, Discrete Mathematics.

EXPERIENCE

INTUIT – *Software Engineering Intern* – San Diego, CA   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, TX   May 2020 - Present
– Organized one of 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.

ACELAB – *Full Stack Developer* – College Station, TX   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, TX   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 – *resuville.com*   Dec 2020 - May 2021
– Developed and launched a free and user friendly 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 – *wieat.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 – *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

First Overall and Best Use of Google Cloud – *resuville.com*   Dec 2020 - May 2021
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