

Devansh Tandon

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EDUCATION

San Jose State University

San Jose, CA

Bachelor of Science in Software Engineering, GPA: 3.86/4.0

Aug. 2018 – Dec. 2021

- Honors: President Scholar - Spring 2019; Dean Scholar – Fall 2018, Fall 2019
- Relevant Coursework: Data Structures and Algorithms, Database Management System, Object-Oriented Design, Operating Systems, Enterprise Software Systems, NoSQL Database Systems, Computer Networking

TECHNICAL SKILLS

Technologies: JavaScript, React.js, Node.js, Express.js, Java, HTML5/CSS3, MySQL, MongoDB, Firebase, JSON, WordPress, Git, Typescript (Beginner), GraphQL (Beginner)

Certificates: MongoDB Certificate, MongoDB, 2020

EXPERIENCE

IBM Good Tech Scholar's Program

Mar. 2021 – Apr. 2021

IBM

Virtual

- Designing and developing a solution to a real-world challenge and presenting to a panel of judges at the end of the program

HackIllinois' Open Source Fellowship

Feb. 2021 – Mar. 2021

Visual Studio Code

Virtual

- Contributed to the Visual Studio Code codebase under the mentorship of Eric Amodio (developer of GitLens)
- Built an extension using TypeScript and GraphQL to display pull request information utilizing the Github API and the TimelineProvider API of Visual Studio Code
- Recognized as one of the top 5 outstanding contributors amongst 60 other fellows

Development Lead

Sep. 2020 – Feb. 2021

NEED club, SJSU

San Jose, CA

- Mentored 10 members of the development team and assigned weekly tasks using JavaScript, React.js, and integrating data from API's

Full-Stack Developer

Oct. 2020 – Jan. 2021

Develop For Good

Stanford, CA

- Collaborated with 5 developers to create an online portal for Police Unions Exposed utilizing Figma and Web Flow

PROJECTS

Somuto (TreeHacks) | React.js, Node.js, Express.js, Firebase Auth, CloudSQL

Feb. 2021

- Created an elevated version of Shazam allowing authenticated users (Firebase Auth) to create groups and compete for a spot on the leaderboard
- Utilized React.js for the frontend, Express.js to create a REST API and CloudSQL to administer our database on the cloud, increasing performance and availability

Better Books | Java, JSP, MySQL, Tomcat

Oct 2020 – Jan 2021

- Deployed a full-stack web application using Java, JSP, MySQL and Tomcat server
- Eliminated the need of human interaction by providing buyers and sellers with an online marketplace for books
- Increased productivity using ER modeling to assist in design of a high-quality database

EduBlog | React JS, Firebase, Figma, Git

Sept. 2020 – Dec. 2020

- Spearheaded a team of 3 colleagues to design a blog for an educational website with React JS
- Administered a cloud fire store database to store blog content and implemented CRUD functionality for admins
- Reduced development time by at least 15 percent through utilizing Figma as a design tool

Task-App | Node.js, Express.js, MongoDB, Heroku, Jest, JWT, Postman

Aug. 2020 – Sept. 2020

- Developed a REST API from scratch allowing users to perform CRUD operations on tasks; stored user data and list of tasks to the MongoDB database
- Assured user confidentiality and secure authentication through hashing user passwords using JWT
- Utilized jest to run structured tests on the application and successfully deployed website to Heroku