

Akash Shah

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EDUCATION

Master of Science | *California State University Fullerton*

Computer Engineering

January 2021

GPA: 3.44

Bachelor of Engineering | *Gujarat Technological University*

Computer Engineering

May 2018

GPA: 3.34

TECHNICAL SKILLS

Languages: Python, Java, JavaScript

Technologies and Framework: React, Django, Expo, Firebase, IoT, SQL, RESTAPI, Android, Git, MATLAB, Scripting, Matplotlib, NodeJS, Linux, Cypress, MongoDB, Shopify, AWS, Figma

EXPERIENCE

Frontend Developer Intern | *Mindhome*

March 2021 - Present

- Developing and designing product pages on company website using HTML, JavaScript, Liquid, CSS and Pagefly
- Collaborated with web designers, back-end developers and UX designers to design, built and improve web pages
- Maintaining current design and making it compatible with Mobiles, Desktops, Tablets and Laptops
- Ensured scalability of frontend elements by optimizing them for loading speed and performance of website

Web Developer | *California State University Fullerton*

March 2019 - December 2020

- Developing and maintaining College of Communication website using HTML, CSS, JavaScript and OU Campus
- Led front-end development team for website overhaul, content management, ATI errors and improved site stickiness by 25%
- Increased web traffic up to 75% by improving navigation, adding social media pages plugins and dynamic media sections
- Secured website and server by 90% to 98% utilizing different patches and installed SSL certificate in server using IIS Manager
- Providing tech support for faculty in the University, especially during transition from in-person to virtual teaching
- Updated event schedules and made visual changes on university website, which is operated by more than 1000 students
- Managing data in terabytes for University's newspaper the daily titan and also for website, developed system for automatic backup on daily basis using python scripts and dropbox

Software Developer Intern | *Secure Backup*

June 2018 - December 2018

- Assisted software developers by analyzing customer needs, designing and testing software features
- Architected a Django application using Python, Django, SQL for keeping, updating and accessing user details, decreased time for updating user details by 33%
- Created a new GraphQL API, running on Node.js, which persists and retrieves software deployment data, and updates deployment statuses in relevant systems

ACADEMIC PROJECTS

Short URL | *React, Express, Node, MongoDB Cloud, Bitly*

January 2021 - February 2021

- Developed a web application for make any long URL globally unique and can access by everyone
- Used Bitly to make globally unique and short URLs and MongoDB cloud Atlas for to store URLs with number of clicks

Blog Site | *Python, Django, Amazon S3, Firebase*

July 2020 - August 2020

- Managed, built and formulated blog website such as Twitter replica using Python, Django and Amazon S3 bucket
- Involved features such as sign up, login, reset password, update user profile according to user requirements
- Users can create, edit, delete posts and see each other post on common news feed

Nearby Café | *JavaScript, Expo, react-native, react-native-maps, Yelp API*

May 2020 - July 2020

- Designed application, shows nearby cafes, restaurants on map in both iOS and android platforms
- Fetched Yelp API calls, to see names, ratings, locations, contact details, opening hours of nearby places
- Included features to filter restaurants and cafes according to food types, food chains, distance

Power Saving using Image Processing | *Python, MATLAB, Raspberry Pi*

January 2018 - April 2018

- Pioneered a project based on Image Processing to cut power on detecting an empty room to save power using cameras.
- Designed a model and algorithm, which operated multiple outputs from cameras using the concept of "Context Switching" in system.

Restaurant Menu | *Java, Android, SQLite, Google Pay API*

July 2017 - December 2017

- Built an Android Application to view menu, give order, pay bill with Google Pay and get customer's valuable feedback
- Added features for customers to give review on Google reviews from application