SIDDHANT AMOL SHAH

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EDUCATION

Master of Science in Computer Science, California State University East Bay, CA, USA **(3.8 GPA)**   **Aug 2021 - May 2023**

Courses Taken – Operating Systems, Advanced Algorithms, Cloud Computing, Web Systems.

Bachelor of Technology, Computer Science, NIIT University, India **(9.13 GPA)**   **Aug 2016 - May 2020**

Courses Taken – Object oriented Programming, Data Structures, Database Systems, Computer Networks, Mobile Development.

TECHNICAL SKILLS

Programming Languages – Python, JavaScript, C++, Java, Object Oriented Programming, Data Structure & Algorithms, HTML, CSS

Frameworks & Databases –ReactJS, Angular, MySQL, MongoDB, Firebase, Bootstrap, Node JS

Technologies – Git, Jenkins, Docker, Kubernetes, Ansible, Azure Cloud, JIRA, AWS, EC2, Distributed Systems, Continuous Integration

Additional Skills –   Machine Learning, UI/UX design, Unix, Unit Testing, Cloud Computing, AI, debugging

Other Skills – Agile Project management, Scrum, Project Charter, MS Excel, Risk Management

EXPERIENCE

Syren Technologies | Software Engineer   **August 2020 – July 2021**

- Initiated & built the company's own product **'LUCID'** which can analyze the GitHub user data and be 100% scalable and displaying it using Flask to create a beautiful user experience
- Collaborated with Microsoft team to provide deliverables and support for their **Product 360 (PRISM)**
- Developed a web application using Angular and .NET Technologies by extracting the appropriate information from the Database

Genpact | Data Engineer Intern   **Jan 2020 - July 2020**

- Reduced the product delivery time by **15%** by deploying a **CI/CD DevOps pipeline**
- Combined the source code with the dependencies of the project using tools like GitHub & Jenkins
- Lead a team of **4** to implement the pipeline in the company's environment to develop the roadmap, install and learn about various tools & technologies for the smooth rollout of the product in the production environment

PROJECTS

Photo Site Application [**GitHub**]   **Spring 2022**

- Created a Ruby Application which connects to the Database and cache the data of the users in SQLITE3
- Set up Amazon S3 Buckets to store the photos of the people & retrieve them to be viewed for the user
- Dockerized the running application and successfully customized the image and published it on docker hub. Streamlined an EC2 Instance and deployed the image, deployed & started the application on AWS Cloud

Finance Tracker [Website]   **Spring 2021**

- Developed a fully functional finance tracker using React which could save and track the finances of a person
- Created authentication using firebase auth and used FireStore database to store the data of the users securely
- Build various custom React hooks for various features of the website like signup, logout, & sorting the data in the order according to the day & time which can be re used for other projects as well
- Implemented a simple & Clean UI with the Help of HTML & CSS3

E-commerce Website   **Fall 2021**

- Devised a website for wholesale business which helped the business in reaching new potential customers by 25%
- Integrated Google firebase for storing the user's data as well as the product data of the of the business-store
- Collaborated with the stakeholders to know the requirements and implemented the features to increase the growth. Controlled the entire full flow website with firebase and interactive user interface with Bootstrap and CSS3

Improving Health Care Using Python [GitHub]   **Fall 2021**

- Designed a website that could analyze the data and determine if an image is an X-ray or CT-Scan with 92% accuracy
- Revised machine learning to train and test the model & determine the insurance one must take based on the region in which the person is located