

Chiren Sanjay Shah

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SUMMARY

Computer Science Graduate with experience in full-stack development in React, object-oriented programming, and Application Development in Flutter, seeking Full-time opportunities in summer 2023.

PROFESSIONAL EXPERIENCE

Weet LLC, Paradise Valley, AZ: Application Developer 01/2023 - PRESENT

- Engineering an application for iOS and Android platforms to offer users an easy-to-use platform for acquiring and retaining new knowledge and skills, utilizing Flutter Framework and Firebase for storage and authentication.
- Implementing a dynamic data segregation process to enable user-friendly uploads of learning resources without need for considering their partitioning into sections and levels, resulting in a seamless and efficient upload process.
- Presented a user-focused privacy control solution, enabling individuals to have control over and tailor use of data.

W.P Carey School of Business, Tempe, AZ: Software Engineer 06/2022 - PRESENT

- Creating data channels in a peer-to-peer network using WebRTC which will shrink latency by 50% and lower server read/writes resulting in cost reduction.
- Collaborating with faculty in redesigning System Architecture which will result in 30% lower turnaround time, reducing resource utilization, and better User Experience.
- Conducted and documented User Testing with a group of 10 users on "Warehouse Royale" to identify and understand any usability issues resulting in actionable insight leading to implementation of new features.

Educational Outreach and Student Services, Tempe, AZ: Web Developer 06/2022 - 08/2022

- Produced and edited Thematic blocks which are used across all university websites.
- Managed upgrade for 12 ASU websites moving from Drupal 7 to Drupal 9 translating into better security and stability.
- Engaged in team's Agile development process, effectively translating University requirements into tangible deliverable.

EDUCATION

M.S. Computer Science Expected May 2023

Arizona State University, Tempe, AZ

3.78 GPA

Relevant Coursework: Cloud Computing, Data Mining, Advanced Algorithms, Database & Distributed Systems.

B.E. Information Technology Jul 2017 – Jul 2021

Mumbai University, India

8.67/10

TECHNICAL SKILLS

Programming Languages: Python, Dart, SQL, PHP, Java, C#.

Front-End & Frameworks: React.JS, Flutter, Drupal, WordPress, Django, Unity.

Tools & Libraries: Node.JS, Express.JS, Springboot, Tailwind CSS, Bootstrap, D3.JS.

Databases & Cloud: Firebase, AWS, PostgreSQL, MySQL, MongoDB.

RELEVANT PROJECTS

Manual Auto Scaling in AWS, Class Project Fall 2022

- Led a team of 3 in development of Autoscaling functionality to run multiple image detection models dynamically. Pipeline consists of an Nginx server to manage HTTP requests, SQS messaging queue to store unprocessed requests, and pre-configured AMIs(Amazon Machine Instances) in EC2.
- Deployed a reverse proxy to control AMI instance count based on estimated single instance processing time, using S3 buckets for result storage.

ShapeNSoul Website, Free-Lancing Fall 2018

- Designed and built a responsive website using Figma, Node.JS, and Firebase for real-time data management.
- Deployed functionalities like an OTP based login system, appointment booking system, appointment history tracking, and diet plan viewing/downloading capabilities to enhance user experience.