Sangat Shah

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LinkedIn: https://www.linkedin.com/in/sangatshah/ | **Github**: https://github.com/Sangat21 | **Portfolio**: https://sangat21.github.io/

Software developer passionate about learning. Experience creating dynamic mobile and web software. U.S. Citizen

> Skills

Languages: Javascript, Typescript, Python, SQL, jQuery, HTML, XML, EJS, CSS, SASS, Java, PHP, C, C++

Frameworks: React, Node, Express, Redux, Angular, Django, REST, Spring, Bootstrap, React Native

Database / Server: Oracle SQL Developer, MongoDB, Mongoose, PostgreSQL, Google Firebase, Apache Tomcat

Cloud Platforms: Amazon Web Services (AWS) - Elastic Beanstalk, EC2, S3, SQS, Lambda, RDS

Project Management / Testing: Jira, Unit Testing, Git, Github, CI/CD, Kanban, Agile Methodologies, Jenkins

> Certifications

AWS Certified Cloud Practitioner (https://www.credly.com/badges/b0acad9b-48a5-4482-b820-d2e89fafa6e5/public_url)

Validity: Dec. 2022 to Dec. 2025

> Experience

Lead Software Engineer @ Gibber Chat (www.gibber.chat)

Jan. 2023 to Current

A web and mobile chat application that allows users to communicate in their own language. Messages get translated to your language of choice via a translation API

↳ Deployed a static website on S3 and optimized it using Cloudfront, resulting in a significant reduction in page load times

↳ Creating and managing multiple S3 buckets, including defining policies to control access and permissions for users and groups

↳ Deployed an API in a public environment using Elastic Beanstalk, configuring the necessary security groups, VPCs, and Load Balancers, and automating the deployment process using continuous integration and deployment (CI/CD) pipelines.

↳ Led and managed a small team of developers, providing mentorship and training on engineering best practices, and using Agile methodology to deliver high-quality software projects on time and within budget

↳ Creating and managing project tasks and workflows using Trello, ensuring clear communication and collaboration within the team

↳ Reviewing and approving branch requests using Git workflow, ensuring compliance with coding standards and best practices, and improving code quality

↳ Optimized API performance by modifying MongoDB schema, reducing API requests by 50% and improving system efficiency by 25%

↳ Currently developing and deploying a mobile application on iOS and Android platforms using React Native

Mid Software Engineer @ Mosaic Learning Inc.

Mar. 2022 to Nov. 2022

Developed a customizable Learning Management System (LMS) with ability to manage events, members, communications, and eLearning (www.combobulate.com)

↳ Designed a survey and quiz builder functionality that allowed clients to build formal trainings frictionlessly using React, Node.js APIs, and Amazon S3

↳ Increased efficiency of software and APIs, reducing AWS usage by 20%, by migrating external codebases into the LMS and creating an all-in-one platform

↳ Developed a data visualization admin dashboard, enhancing UI/UX for instructors and providing key metrics, using React, REST, and Material UI (MUI)

↳ Proposed and incorporated a new testing framework into application, improving backend unit and integration testing across system, using Vitest

Software Engineer @ Fiat Chrysler Automobiles (via Tata Consultancy Services)

Oct. 2020 to Nov. 2021

↳ Designed the UI for an inventory management system called Plan For Every Part (PFEP) using Angular 11, HTML, CSS, and jQuery

↳ Developed the frontend of an analytics dashboard that gives a client visibility into key metrics and highlights areas of performance improvements

↳ Integrated ActiveCampaign's marketing automation workflow product into app by leveraging a 3rd party API, increasing revenue and improving marketing efficiency

> Freelance Work

Full Stack Developer @ Portfolio Insider

Oct. 2021 to Nov. 2021

↳ Created Engineering systems that processed and analyzed high frequency stock market data in real-time using Node.js, SQL, and AWS Lambda and RDS with Postgres

Full Stack Developer, Backend @ HAMMOQ

Oct. 2020 to Dec. 2020

↳ Designed and developed end-to-end features alongside integrating 3rd party APIs using React, Node.js, MongoDB, and ActiveCampaign API

Lead Software Engineer @ CSUN VEX Robotics

Oct. 2018 to May 2020

A robotics team dedicated to addressing an engineering challenge annually through an interactive game, competing with other teams to achieve a global ranking

↳ Improved the robot's autonomous accuracy and precision by integrating a Proportional Integral Derivative (PID) control loop into the robot's motors and sensors using C++, playing a crucial role in helping the team qualify for the 2019 VEX World Championship

↳ Implemented object detection and avoidance system into robot by incorporating a pathfinder algorithm with sonar and encoder sensors using C, which helped achieve a near error-free autonomous path

> Education

California State University of Northridge (CSUN)

↳ B.S. Computer Science *2020*