

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

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

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

Cloud Platforms: Amazon Web Services (AWS)

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

> Certifications

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

Validity: Dec. 2022 to Dec. 2025

> Experience

Mid Software Engineer @ Mosaic Learning Inc.

Mar. 2022 to Nov. 2022 - *Remote*

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, Amazon SQS, and REST APIs
- ↳ 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 MUI, REST, and React
- ↳ Proposed and incorporated a new testing framework into application, improving backend unit and integration testing across system, using Vitest

Full Stack Developer @ Portfolio Insider

Oct. 2021 to Mar. 2022 - *Remote*

Created Engineering systems that processed and analyzed high frequency stock market data in real-time:

- ↳ Reduced database load on Amazon RDS by over 90% by updating SQL queries and restructuring the Postgres schema
- ↳ Built a Candlestick maker bot that created 15 minute, 30 minute, 1 hour, 4 hour, and 1 day candles in real-time as the day proceeded using Node.js and AWS Lambda
- ↳ Expedited the process of moving code by creating a continuous delivery frontend staging environment as part of a CI/CD pipeline
- ↳ Designed a service queue that processed more than 800,000 messages at a time using Amazon SQS

Software Engineer @ Fiat Chrysler Automobiles (Tata Consultancy Services)

Jan. 2021 to Sep. 2021 - *Remote*

- ↳ Designed the UI for an inventory management system for automobile parts using Angular, HTML, CSS, and jQuery
- ↳ Partnered with back-end developers to create REST APIs for the inventory management system using Java, Spring Boot, and Oracle SQL
- ↳ Developed the frontend of an analytics dashboard to give client visibility into key metrics and highlight areas of performance improvements

Full Stack Developer, Backend @ Hammoq Inc.

Oct. 2020 to Dec. 2020 - *Remote*

- ↳ Designed and developed the UI for Hammoq's referral process and then integrated it with the backend to launch the feature, which resulted in a significant increase in the active user base, using React and Node.js
- ↳ Integrated ActiveCampaign's marketing automation workflow product into Hammoq's web application by leveraging ActiveCampaign's API which increased revenue and improved marketing efficiency

Lead Software Engineer @ CSUN VEX Robotics

Oct. 2018 to Dec 2019 - *Northridge, CA*

- ↳ 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++, which helped the team qualify for the 2019 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

> Projects

VisiFood (Mobile Application)

Sept. 2019 to May 2020

- ↳ Introduced a food menu application with allergy detection and AR functionality, improving one's dining experience at a restaurant, using Java, XML, and Google Firebase with Android Studios
- ↳ Created a responsive application that securely and accurately updates user information using Java and Google Firebase

> Education

California State University of Northridge (CSUN)

↳ B.S. Computer Science 2020