

Shiv Bhagat

Glendale, CA | (213) 290-7572 | shivbhagat42@gmail.com

Objective

- I am a skilled and detail-oriented software engineer with experience in C++, Python, and React JS and full-stack development, eager to leverage my aerospace software development background to contribute to innovative and impactful projects while continuously learning new technologies.

SKILLS

Programming Languages: C++, Python, Swift

Technologies: HTML5, CSS5, React JS, Kubernetes

Tools: Git(GitHub), Microsoft Visual Studio Code, RStudio, MySQL Workbench, Microsoft SQL Server, JIRA, Confluence, BitBucket, Rhapsody, Beyond Compare, Collaborator

OS: Linux, Windows

Clearance:

- Active Government Interim Top Secret Clearance(Pending Full Top Secret Clearance)

EXPERIENCE

Raytheon | Software Engineer

March 2023 – July 2024

- Software development and enhancements for post-processing on the flight software simulation and Payload Digital simulation test bed for the observation satellite.
 - Developed an automated Python script to generate C++ code, significantly reducing generation time by 50%, and integrated the code into Rhapsody UML models.
 - Supported around-the-clock product testing in a secure lab. Specifically, a customer-mandated 72-hour lifecycle test.
 - Collaborated with developers and mentors to resolve critical test failures for customer deliveries.
 - Utilized Rhapsody, Beyond Compare, Collaborator, Git, and Microsoft Visual Studio for development tasks.
- Worked on an IRAD to develop a future business
 - Implemented Python scripts with the Pandas library for data format conversion, developed unit tests, and collaborated on code reviews.
 - Implemented Argo Workflows and Argo Events to trigger specific workflows based on defined event sources.

Vara Now | Software Engineer Intern

June 2022 – August 2022

- Utilized React JS, HTML, CSS and Firebase to create an innovative eCommerce marketplace and full-stack web application, contributing to the evolution of core site architecture.

PROJECTS

Stats-Guru, Lead Developer

May 2024 – Present

- Developing a React JS, HTML, and CSS webpage utilizing APIs to display NBA stats, games, live scores, standings, and statistics.

Weather DashBoard, Lead Developer

September 2021

- Developed a weather dashboard using React JS and integrated the OpenWeather API to display current conditions and 5-day forecasts for selected cities.

Titan-Talks, Lead Developer, Scrum Master

October 2021 – December 2021

- Collaborated with a team of six using Agile methodologies to develop a full-stack web application with React JS and MySQL, designed to facilitate networking among CSUF students.

BAPS North America, Lead Developer

May 2021

- Led the development of an IOS app using Swift in which the user is able to view BAPS temples across North America on an interactive map, utilizing a JSON file to retrieve geographic coordinates, image links, and site titles, which are shown in a table view and on an interactive map.

EDUCATION

California State University, Fullerton

Fullerton, CA

Bachelor of Science, Computer Science

August 2019 - December 2022

- GPA:** 3.73
- Accolades:** 3rd prize winner, Google Virtual Coding Competition September 2019. Cum Laude. Dean's List: Fall 2019, Fall 2020, Fall 2021, Spring 2022.