Shivam Chauhan

Tampa, FL • schauhan1@usf.edu • (813)-570-2923 • [Portfolio](#) • [LinkedIn](#)

</**p**ortfolio>

EDUCATION

University of South Florida – Tampa, FL   **Graduation: May 2025**
Bachelor of Science in **Computer Science**   **GPA: 3.8/4.0**

KEY SKILLS

Programming Languages: C, C++, Python, Java, C#, JavaScript, HTML, CSS, TypeScript, SQL, .NET
Tools & Frameworks: React.js, React-Native, AWS, MongoDB, Angular, Django, Linux, Jira, OpenCV, Node.js, Firebase
Relevant Coursework: Data Structures, OOPS, Operating System, Software Engineering & Testing, Analysis of Algorithm

EXPERIENCE

USF College of Engineering – Web Developer | Tampa, FL   **April 2023 - Present**
- Helped **700+** students in keeping themselves up to date with foundations of engineering updates.
- Inspired **30+** middle/high school students to consider pursuing STEM for their higher education.

USF College of Engineering – Teaching Assistant | Tampa, Fl   **January 2023 - Present**
- Served as a Project Support Teaching Assistant for Foundations of Engineering Lab.
- Provided assistance to **150+** students in the class and the lab and **700+** students virtually.

USF eSports – Moderator/Developer | Tampa, FL   **July 2022 – September 2023**
- Moderated USF eSports discord server and developing bot functions for the server.
- Worked with Rocket league API to extract data of live game and uses it to generate an original overlay for production.
- Programmed the discord bot to auto verify the current student status of the new members using MongoDB database.

PROJECTS

USF Foundations of Engineering - Website | http://foe.eng.usf.edu/   **July 2023**
- Aimed to help **800+** students in keeping themselves up to date with foundations of engineering updates.
- Developed and maintained the USF FOE website using a tech stack that included HTML, CSS, JavaScript, and React.js.

RecipeLabs – AI Recipe Generator App   **March 2023**
- Developed an app to help people try new recipes based on the ingredients they already have in their fridge.
- Development of this app involved the use of React-Native and CockroachDB for the database.

Smart DoorLock – IoT   **December 2022**
- Designed and developed an attachment to lock/unlock doors more efficiently via network.
- The project development involved the use of Arduino SBC, BLYNK API, node.js and Google Smart Home API.

FindMeWork – Craigslist App   **September 2022**
- Developed an app to help people find daily jobs. UI/UX was later updated to be more user-friendly.
- Development of the app involved the use of Dart, Flutter, and Firebase for user authentication.

LEADERSHIP & AWARDS

SHPE's HackaBull | President   **May 2023 – Present**
- Leading USF's largest 24-hour hackathon, promoting the event and organizing a team of 12 directors, results in over 500 projected attendees.
- Assisting students with workshop registrations, project creativity, and networking opportunities, ensuring hackers' satisfaction and growth mindset.

SHPE USF Chapter | VP of Technology   **May 2023 – Present**
- Promoting technology within the chapter by hosting **5+** tech events on topics such as coding fundamentals and technical interviews with **600+** total attendees to prepare members for future interviews and hackathons.
- Orchestrating a 12-hour hackathon with 6 other on-campus organizations by managing all logistics and fundraising over **$3500** for the event to introduce hackathons to first-time hackers.

GWC USF | Tech Expo Chair   **December 2022 – July 2023**
- Collaborating in a team of 5 to organize Engineering Expo, creating and presenting 3 projects for an expected attendance of 400+ people.
- Conducting weekly workshops aimed at educating students on C++ programming language.