

Suhit Agarwal

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GITHUB: github.com/SuhitAgarwal **LINKEDIN:** linkedin.com/in/SuhitAgarwal

EDUCATION

University of Southern California B.S. in Computer Engineering and Science

January 2021-December 2024

- Major GPA: 3.8, Cumulative GPA: 3.85

WORK EXPERIENCE

Founding Engineer, Pickle

August 2022-Present

- Developing the central product at [Pickle](#), a startup focusing on bridging the gap between creators and brand sponsorships

Engineering Lead, HackSC

May 2022-Present

- Working to create an inclusive and well-functional hacker experience at HackSC, SoCal's flagship hackathon, in particular and hackathons across the globe as a whole
- Extensively using **React**, **Next.js** and **AWS RDS**, **Cognito**, **EC2** among others to create a platform to host hackathons which is geared to employ the use of RFID technology to check in hackers to events

Data Intern, University of Southern California

January 2022-August 2022

- Maintained internal database 12Twenty, including the establishment of database standards and protocols and management of source data
- Utilized **Python** and **Excel** to audit data quality, constructed dashboards using Tableau to visualize outcome trends

Software Engineer + Design Intern, ReveryLab

May 2021-August 2021

- Created the product website from scratch using **Flutter**
- Took ownership of a product feature and designed over 100 assets for the feature using **Adobe Illustrator** and **Figma**
- Added character customizability and animations to the vector assets using **Rive** which can be seen in use at pocketkado.com

PROJECTS

Founding Developer, Redlino

November 2021-March 2022

- Worked on designing and developing a celebrity meet and greet app using **Figma**, **Flutter**, and **Firebase**.
- Had a successful launch on the App Store (TestFlight) and [Play Store](#) with 150+ people joining to meet their favorite [content creators](#).

Creator, StreamWithFriends.Online

February 2021-December 2021

- Singlehandedly created, designed, and developed, a web app that lets users make video calls and watch YouTube videos in sync with each other for **HackSC 2021**.
- Designed, developed, and deployed the app for Web using **TypeScript**, **React**, **Next.js**, **node.js**, **Rust**, and **socket.io**, with latest recommended security measures implemented; live at stream.suhit.me

Co-Founder, Voc-AB

June 2020-May 2021

- Designed and created **front-end** for an **Android** mobile app **aimed at improving the user's vocabulary**
- Developed in a team of five utilizing **React Native** and **Firebase** with real-time sync between all devices
- Updating, adding new features to, and currently marketing the app; code available at voc-ab.com with over 75 active users
- Prototyping and wireframing using **FramerX**

SKILLS

- **Computer Languages:** Dart, Java, C, C++, Python, SQL, JavaScript, TypeScript, Linux Shell, HTML5, CSS3
- **Web/Mobile Development Frameworks:** Flutter, React, Next.js, Bootstrap, React Native
- **Backend Technologies/Frameworks:** GCP, AWS S3, EC2, node.js, Firebase
- **Design Tools:** Rive (Lottie alternative), Adobe Creative Cloud, Figma, Framer
- **Spoken Languages:** English (Fluent), Hindi (Fluent), Bengali (Fluent), Spanish (Intermediate)
- **Other:** Microsoft Office (Proficient in Access and Excel), Google Suite

LEADERSHIP AND INVOLVEMENT

- **Engineering Lead** at **HackSC**, Southern California's flagship hackathon hosted in affiliation with USC
- Member of **Developers Student Club (DSC)**, **Linux User Group**, and **Electric Car** club at USC and ASU

HONORS AND AWARDS

- **Devils Invent:** [Runners-up for the June 2020 version](#) of a hackathon at Arizona State University for constructing a crowd detection solution to curb the impact of the COVID-19 virus powered by crowd-sourced information
- **LinkedIn Assessments:** Certified in ML, React.js, Python, Java, C, C++, MySQL, Git, Bash, HTML