

# Sabesh Bharathi

🔗: [github.com/programVeins](https://github.com/programVeins)

in: [linkedin.com/in/sabeshbharathi](https://linkedin.com/in/sabeshbharathi)

Email : [sabesh5601@gmail.com](mailto:sabesh5601@gmail.com)

Mobile : +91 9941017112

Portfolio : [sabesh.dev](https://sabesh.dev)

## EDUCATION

---

- **SSN College Of Engineering** Chennai, India  
*B.Tech in Information Technology; CGPA: 8.98 (upto 3rd semester)* Aug. 2019 – Present
- **Alpha School Sembakkam** Chennai, India  
*Tamil Nadu State Board, Computer Science; Class XII: 91.0% Class X: 93.8%* August 2008 – May 2019

## EXPERIENCE

---

- **Vedanta Academy - Freelance Developer — 6 Months**  
*Worked on the frontend engine for Vedanta Academy's kitchen software using NextJS - React and TailwindCSS.*
- **Typesense - Technical Blog Writer — 2 Months**  
*Wrote several blogs for Typesense's 'How to search' blog series, covering tools like fuse.js and MySQL full-text search.*
- **Oneshot Affiliate - Freelance Developer — 2 Months**  
*Worked on Oneshot Affiliate's website, as a full stack developer using a React - Flask tech stack*

## PROGRAMMING SKILLS

---

- **Web Technologies:** HTML, CSS, Javascript, ReactJS, NextJS, Python-Flask, TailwindCSS, Bootstrap
- **iOS Development:** Swift, SwiftUI, Xcode, Swift Frameworks (RealityKit, ARKit, CoreML etc..), Swift Packages, CreateML, Reality Composer
- **Design and Prototyping:** Figma, Sketch, Adobe XD, Adobe Illustrator
- **Other Technologies:** Git/Github, Heroku, Docker, npm/pip/brew, C/C++, unix shells (bash, zsh), Agile Development - Linear, Jira

## PROJECTS

---

- **Property Portal** May. 2021  
*React, Instant-search adapter, Custom CSS, Typesense, AWS Lambda/DynamoDB* 🔗: [luxecraft/property-portal](https://luxecraft/property-portal)  
A Hackathon winning property search application made with React, AWS DynamoDB and Typesense. It supports a blazingly fast geo-search i.e. search as you scroll through the map.
- **Ruby's Dilemma** April. 2021  
*Swift, SwiftUI, RealityKit, ARKit* 🔗: [programVeins/rubysdilemma](https://programVeins/rubysdilemma)  
Apple WWDC21 Winner - Apple's WWDC21 Swift Student Challenge submission, accepted by Apple. Uses Augmented Reality to create awareness on environmental pollution and climate crisis.
- **ProCollab** November. 2020  
*React, Custom CSS, Bootstrap, Flask, PostgreSQL* 🔗: [programVeins/procollab](https://programVeins/procollab)  
A simple React-Flask app made using React and Postgres DB. It was an academic project that aims to link people looking for small paying jobs inside the college amongst the students and the faculty.
- **CovidCam** April. 2020  
*Swift, UIKit, CoreLocation, MapKit* 🔗: [programVeins/CovidCam](https://programVeins/CovidCam)  
A Hackathon winning project that helps to track the community spread of Covid-19 Virus. Uses GPS and CoreLocation framework to periodically store the location of users privately to trace the spread.

## ACHIEVEMENTS

---

- **Award Winner:** Apple's WWDC21 Swift Student Challenge - Was interviewed by several news channels
- **Winner:** "Ease the Error 2.0" - Hackathon, conducted by IETE 2021, SVCE
- **Runner Up:** "Covid Move" - Hackathon, conducted by IEEE 2020
- **Runner Up:** "As you like it" - Problem solving contest, conducted by ExLog 2020, SSN