

# Angad Virk

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## Software Engineer (Full Stack)

Full Stack Software Engineer with significant experience developing Web and Mobile Applications.

- **Clear Communicator:** Proven ability to work in a team, communicate effectively, and deliver exceptional results.
- **Critical Thinker:** Critical thinker, with the ability to see the bigger picture and understand the company's vision.
- **Customer Focus:** Applies a broad knowledge base coming from a liberal arts education to understand customer pain points.
- **Clean Code:** Writes clean, understandable code with an eye towards maintainability.

## Skills

- **Languages:** JavaScript, HTML5, CSS, Python, SQL
- **Frameworks:** React, React Native, Vue, Angular, Bootstrap
- **Other:** MongoDB, Firebase, Relational Databases (SQL), Postman, Node.js, REST, Unix, Linux

## Education

### University of Southern California

Los Angeles, CA

M.S. Computer Science

Dec 2022

GPA: 3.61 / 4.0

Coursework: Analysis of Algorithms, Foundations of Artificial Intelligence, Web Technologies, Software Engineering, Database Systems, Operating Systems.

### Middlebury College

Middlebury, VT

Bachelor of Computer Science

May 2020

Coursework: Algorithms & Complexity, Data Structures, Software Development, Systems Programming, Systems Security, Networks, Embedded Systems, Computer Architecture, Theory Of Computation

Other Activities: In-class and Evening Tutor for Intro to Computer Science classes (CS101/CS150)

## Experience

### MakeMyTrip

Gurugram, India

Software Engineer Intern

Jun 2022 - Aug 2022

- Implemented UI animations in React Native using the React Native Reanimated Library.
- Effectively created the styles for a new look for the 'user profile' page.
- Implemented styles for a new feature: 'travel badge', across all parts of the app.
- Built a Postman Mock Server for simulating API calls & responses to ensure new 'travel badge' styles are displayed based on API response.

### Ethos

Los Angeles, CA

Front End Software Engineer

Apr 2022 - Jun 2022

- Coded and styled every screen of the iOS app in React Native.
- Created drop-downs and input fields to allow users to input data.
- Stored user data in MongoDB via a Node.js server, using fetch.
- Tested fetch requests to the Node.js server using ngrok during development.
- Utilized React-Navigation Library to create a stack navigator and a tab navigator to allow users to visit different screens in the app.
- Used expo-camera to successfully access and display the camera on a certain screen for a barcode scanner feature in the application.

### Siitch

Los Angeles, CA

Project Manager

Sep 2021 - Dec 2021

- Scheduled and mediated weekly meetings.
- Assigned tasks to all team members, and made sure to follow up and check in with team members regularly.
- Successfully pitched, designed & coded the 'see category' feature in the eco-cam section of the iOS app.

## Projects

### Portfolio Website

Aug 2022 - Sep 2022

- Designed and coded a web application from scratch in React.
- Used react-bootstrap to create a fully responsive website that looks great across all devices..
- Created a multi-page react app using react router (v6).

### Weather App (iOS)

Nov 2021 - Dec 2021

- Built a Weather App for iOS using Xcode & SwiftUI.
- Used node.js to create the server for securely making API calls.
- Github Repository: [github.com/angadvirk/WeatherApp-iOS](https://github.com/angadvirk/WeatherApp-iOS)

## Achievements

- First Prize out of 30 Teams, MakeMyTrip Hackathon 2022 (Gurugram, India)