Angad Virk

Los Angeles, CA, 90007 | (802) 989-5671 | angad.virk@gmail.com | https://angadvirk.github.io | https://www.linkedin.com/in/angadvirk

Software Engineer (Full Stack)

Full Stack Software Engineer with demonstrated experience building quality applications.
- **Strong Fundamentals:** Good understanding of computer science fundamentals, data structures, and algorithms.
- **Competent Programmer:** 1.5+ years experience building projects and writing code in multiple programming languages.
- **Modern Technologies:** Experience in modern technologies such as React, HTML, CSS, Node.js, SQL (Postgres) and NoSQL (MongoDB).
- **Prior Internship Experience:** Prior experience working with a team to develop software in professional settings.

Skills

- **Languages:** JavaScript, HTML5, CSS, Python, SQL
- **Technologies:** React, React Native, Bootstrap, MongoDB, Node.js, Express, Google Cloud, Postman, FastAPI, PostgreSQL, Vue, Angular,
- **Other Skills:** Relational Databases, REST, Version Control (Git), CI/CD

Education

University of Southern California   **Los Angeles, CA**
M.S. Computer Science   *Dec 2022*
GPA: 3.62 / 4.0
Coursework: Analysis of Algorithms, Foundations of Artificial Intelligence, Web Technologies, Software Engineering, Database Systems, Operating Systems, Computer Networks

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 Mobile App in React Native.
- Stored user data in MongoDB by making API calls through a Node.js server.
- 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 - Dec 2022*
- Independently designed and coded a responsive single-page web application from scratch using React and Bootstrap.
- Added integration with Spotify API to fetch recently played tracks.
- Hosted Node.js server to make API calls to Spotify on Google Cloud Platform App Engine.
- Used Gcloud Storage to store access and refresh tokens received from Spotify's API for OAuth 2.0.

Angad's Blog   *Sep 2022 - Oct 2022*
- Build a blog web application hosted on a Node.js server that supports CRUD actions.
- Created view templates using EJS.
- Used MongoDB as the database to store blogs. The app allows users to create, view, and delete blogs.
- Github Repository: https://github.com/angadvirk/NodeBlog

Achievements

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