Srikar Kusumanchi

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EDUCATION

RAVENWOOD HIGH SCHOOL
Aug 2021 - May 2025 | Brentwood, TN
Cum. GPA: 4.0 / 4.0

WOODLAND MIDDLE SCHOOL
Grad. May 2021| Brentwood, TN

TECHNICAL SKILLS

Languages:
Python • JavaScript
Kotlin • Java
Web/Mobile:
React •MongoDB
NodeJS • React Native
Google Cloud
Data Science:
Scikit Learn • Tensorflow • Keras
Matplotlib • NumPy • Pandas

AWARDS

TN-07 WINNER Congressional App Challenge

• Pathway, a mobile app that provides therapeutic help to those who suffer from mental issues
• Awarded an invitation to the House of Code.

BEST MOBILE HACK | MHacks

• diversiFood, a mobile app that provides personal, nutritious, and diverse meal recommendations
• Awarded at University of Michigan.

2ND PLACE | OwlHacks 2020

• MASTER, a mobile app that allows students to achieve mastery in math using AI
• Awarded 2nd place overall at the annual OwlHacks.
• Competed with college-level participants as a middle schooler.

BEST HIGH SCHOOL TEAM Climate Hacks

• Carbon Waze, a mobile app that shows the most carbon-efficient route
• Awarded Best High School Team.

EXPERIENCE

VYTAL | Lead Application Engineer
Mar 2022 - Present | Remote
- **Lead** the creation of CardiOS, an app used to diagnose heart abnormalities by analyzing PPG data
- **Assisted** in the development of NeurOS, a mobile app that helps diagnose patients of neuro disorders by analyzing eye saccades.
- **Technologies used**: React Native, Firebase, Kotlin, and Redux

ASPIRATION MARKETING | Web Developer
Jun 2021 - Aug 2021 | Remote
- **Assisted** in building a demo customer portal which facilitated faster deployment of future projects.
- **Cloned** custom modules I have created from customer portals for reusability.
- **Worked** with one-off requests as needed.
- **Technologies used**: HubL, HubSpot CMS, and Python

DEF HACKS | Lead SWE Intern
Sep 2020 - Jan 2021 | Remote
- **Edited and revised** 30 hours worth of content to help aspiring developers learn quicker.
- **Co-developed** a website that will be used by thousands of students to sign up and learn Computer Science.
- **Led** a team of high school and college interns making the team **30 percent** more productive.
- **Technologies used**: React, Bootstrap, Firebase
- **Demo:** def-hacks-learn.web.app

PROJECTS

FACEBOOK CLONE
https://github.com/Srikark-17/Facebook-Clone
- **Implemented** a real-time post feed and image uploading
- **Developed** the UI and backend
- **Technologies used**: ReactJS, Firebase, NextJS, NextAuthJS
- **Demo**: facebook-clone-kappa.vercel.app

NETFLIX CLONE
https://github.com/Srikark-17/Netflix-Clone
- **Implemented** a subscription logic using secure checkout sessions powered by Stripe
- **Developed** the full stack web application
- **Utilized** Facebook login as a sign-in method
- **Technologies used**: ReactJS, Redux, Firebase, Stripe
- **Demo**: fakeflix-delta.vercel.app

SLACK CLONE
https://github.com/Srikark-17/Slack-Clone
- **Developed** a real-time messaging functionality
- **Implemented** a Google sign-in feature
- **Technologies used**: ReactJS, Redux, Firebase
- **Demo**: slack-clone-dd458.web.app