

Mohith Rao

Software Engineer

Mohith Rao

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mohithrao.me

Skills

Full Stack Web Development:

- Extensive ReactJS/React Native frontend experience. Data handling with Redux.
- Backend experience with NodeJS (javascript) and Django (python)
- Experience working databases like SQLServer, MY SQL and Firebase Firestore.

UI/UX:

- Experience creating wireframes and mockups in Adobe XD
- Human Centered Design/Intuitive Design
- Focus on user personas
- Smart error handling

Agile Mindset:

- Iterative/incremental developments
 - Lean thinking - Validated loop
 - Value driven Development
 - Scrum/Kanban methodologies
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Experience

OpenSTL, St.Louis— *Captain*

July 2017 - PRESENT

- Worked with the Vacancy Collaborative to organize vacancy data into one dataset. Automated city owned property data using python.
- Collaborated on a team for a zillow-like react app for vacant properties in order to help reinvestment in city properties. (<https://openstl.github.io/VacantSearch/>)
- Currently on a team building a react/laravel criminal expungement application system in collaboration with Arch City Defenders. Uses Firebase for authentication and user data storage in firestore and Google Cloud MySQL to hold sensitive record data for each applicant.

AB Inbev, St.Louis— *Software Developer*

November 2018 - December 2019

- Built first OCR solution using ABBYY Flexicapture and asynchronously connected the collected data to BluePrism RPA

- Built the first consumer facing chatbot solution using the Kore AI platform (built in Node.JS) and hosted internally using Azure Cloud App service. Also integrated chatbot into Salesforce using Force API and developed a JWT token server to handle oauth.
- Trained python models in Microsoft Custom vision to recognize and report defects in products' pictures. Built a React based dashboard for frontend monitoring.

Launchcode, St.Louis— *Teaching Assistant*

November 2017 - January 2018

- I actively worked with students in the LC101 class assisting them on their python and C# assignments.

UMSL Welcome Center, St.Louis, MO —Campus Tour Guide

March 2015 - December 2015

- I conducted daily in-depth tours of the campus to prospective students.
- Also worked at the information desk where students and guests would ask questions about campus and the school's programs.

Education

Launchcode, St.Louis, MO

July 2017 - January 2018

LC101 class learning Python and C#

St.Louis Community College-Forest park, St.Louis, MO — *Associate's of Arts*

Summer 2016 - Summer 2018

Finishing general education credits as well as taking introductory business courses. (Unfinished)

Ladue Horton Watkins High School St.Louis, MO—

August 2010 - May 2014

Activities and Societies: Varsity Swim team. Speech and Debate Club, Science Olympiad, Concert Orchestra (Viola), DECA (Distributive Education Clubs of America).

Awards

1st place at Hackedu- A hackathon held by UMSL's College of Education

Placed in the top ten out of 50+ teams at Global Hack VI in the college division.