Raghavendra Pranith Koppula

9523 Mitchell Glen Dr. Charlotte, NC. 28277 | 980-729-1649 | koppularaghavendra@gmail.com | Class of 2023

EDUCATION

UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL | MAY 2023
Majors: Bachelor of Science, Computer Science | Bachelor of Arts, Political Science
GPA: 3.58/4.00
Clubs: CS+SG, WebDev Carolina, Developers Club
Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Web Development, System Fundamentals, Discrete Structures, Computer Organization and Architecture, Database Design, Models of Languages and Computation, Data Science in Business

HIGH SCHOOL DIPLOMA | CLASS OF 2019 | ARDREY KELL HIGH SCHOOL
GPA: 3.95/4.00
Honor Societies: Member of the National Honors Society, National Technical Honor Society, National English Honor Society, and Mu Alpha Theta.

EXPERIENCE

INTERNSHIP | CENTENE UNDERGRADUATE SOFTWARE ENGINEER | SUMMER 2020
- Assisted in developing additional functionality to Rules UI project through scrum and agile methodologies, containerization in docker, developing MongoDB databases, and developing web apps using Angular.
- Attended daily standups to provide feedback and update team on progress of my work and any additional information.
- Created reusable components that saved code. Wrote cypress testing scripts that saved UAT resources and helped resolve bugs.
- Allowed end user to update and validate data, allowing client to move away from manually created spread sheets, and save time from 12 weeks per authorization, to a couple of hours.
- At the end of the internship, I presented my work to the leadership team and received great feedback on overall performance and work.

CLUB | WEBDEV CAROLINA PROJECT RESOURCE MANAGER | FALL 2020
- Attained project resource manager leadership position to allocate, manage, and find resources for learning new technologies. The role included finding courses online, distributing these resources to developers, and teach other developers.
- Also acted as a developer and attended leadership meetings to discuss improvement on team.

JOB | COMPUTER SCIENCE LEARNING ASSISTANT | 2021-PRESENT
- Learning Assistant for COMP 126 Introduction to Web Development under Professor Tessa-Nicholas.
- Primary responsibilities include grading student work, holding office hours for one-on-one tutoring, maintaining a cohort of 15 students, ensuring their steady progress, and providing feedback and improving office hours.

PROJECTS

PERSONAL | HEEL TIPS | 2020-PRESENT
- Post based app where users can create, read, update, and delete posts/tips used to help students academically and strategically.
- Developed using Angular, MongoDB and Node.js for RESTful API routes and CRUD operations.
- Deployed the app to Heroku at (https://heel-tips.herokuapp.com). Email: test@heel-tips.com. Password: test
- Hosted on GitHub here (https://github.com/rpranith/unc_resource_manager)

PERSONAL | CS + SG DEVELOPER | 2020-PRESENT
- Currently with the club working on a web application which aims to track client's canvassing efforts for their annual fundraising initiatives, with volunteer and admin views.
- Using React, Firebase and Node.js for RESTful API to build auto updated dashboard and implementing history/logging changes to each edit on canvass houses.
- Implemented authentication using Firebase that allows admins to whitelist volunteers and approve them for the application.

SCHOOL | BUSINESS SCHOOL PROJECTS | 2021
- Projects for Data Science in Business course and performed Market Basket Analysis, clustering products, analyzing co-occurrence, to find key recommendations like increasing profit margins by 10%.
- Worked with Big Data spanning millions of observations, and used Machine Learning Algorithms like Random Forest, Linear Regression. Worked with team and accumulated analysis on Google Collab and present our work to the class.

Software/Technologies: Proficient in Java Script, Java, Python (Pandas, Matplotlib, scikit-learn). Intermediate knowledge in JavaFX and Swing programming. Advanced knowledge in HTML, CSS, and Bootstrap. Advanced knowledge in Angular, React, NodeJS, and MongoDB. Intermediate knowledge in C, SQL. Proficient in AutoCAD and Inventor. Intermediate knowledge in Flutter.
Media: Basic knowledge in Adobe Photoshop and Premiere. Advanced in Microsoft Office. Proficient in Lightworks. Proficient knowledge in LMMS.