

Tanay Parikh

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EDUCATION

Iowa State University
Bachelor of Science: Software Engineering

Ames, Iowa
2018 – Present

EXPERIENCE

Wotnow App Startup
Software Testing/Marketing

Naperville, Illinois
04/2016 – 10/2016

- Testing Beta Software on different operating systems and devices, and reporting bugs to the developers to reduce bugs in the public release.
- Developing various strategies to make the application prominent in the community and increase the total number of downloads.

PROJECTS

CyShare: Ride Sharing App
Front-End Engineer/Project Team Lead

Ames, Iowa
08/2021-12/2021

Led a team of four software engineers to design and develop an Android app to make carpooling more convenient at universities.

- Developed an easy to use interactive front-end using Android Studio and implemented functionality like user sign up and user login authentication using JSON.
- Utilized CI/CD to automate tests and integrate the code
- Organized meeting to ensure keeping up with promised deadlines and verify any deviations in the project.
- Met deadlines and presented the application progress on a monthly basis to extrapolate the progress made in the project.

Who's Most Likely To (Card Game)
UI/UX Engineer

Ames, Iowa
09/2021-12/2021

Developed an IOS, Android and Web application card game with a team of six software engineers using Native React.

- Designed a theme for the app which was used throughout app.
- Designed and developed a “Rules Page” and added a button functionality which let the user either start the game from the rules page or take the user back to the “Home Page” with haptic feedback at any moment either button was pressed.
- The team worked in an Agile environmental and Utilized Azure DevOps to integrate software.

Delivery Robot
Embedded C Programing

Ames, Iowa
01/2020-05/2020

- Developed code for a robot and designed it to autonomously find it's destination address which was identified by four specifically sized poles.
- The code designed to avoid obstacles like cliffs, walls and different types of poles.
- Configured registers and GPIO ports so the sensors like the Clift, Ultrasound and infrared sensor would relay back the correct sensor values
- Developed a piece of software where the program could return the width of the pole in centimeters from taking in the reading from the ultrasound sensor.

Technical Skills

Languages - Java, C, JavaScript, HTML

Tools - Spring Boot, Android Studio, React, NodeJS, AngularJS, Flask, JSON, XCode, Eclipse, Visual Studios, Git, Linux commands

Database - MySQL, NEO4J

ADDITIONAL

- **Languages:** English (native), Hindi (fluent), Gujarati (fluent)
- **Proficiencies:** Word, PowerPoint, Excel.
- **Related schoolwork:** Object-Oriented Programming, Data Structures, Digital Logic, Embedded Systems, Database Management Systems, Software Development Practice, Construction of User Interfaces, Linux Operating System, Network Protocols and Security, Cloud Computing(AWS).
- **Interests:** Passionate about travelling. I have visited over 15 countries including Switzerland, France and Italy so far.