




ADITHYA KRISHNA SHARMA

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Education

Jyothy institute of Technology

Bachelor of Engineering (B.E) in Computer Science and Engineering

Aug 2017 - Aug 2021

Bengaluru, Karnataka

Skills

Languages: Python, Typescript, JavaScript, HTML, CSS, Java(Familiar)

Lib/Frameworks: React, Jest, React Testing Library, Node, Patternfly

Tools: Git, Google Analytics, Dialogflow

Platforms: Firebase, Linux, Netlify, AWS, JIRA

Databases: SQL, MongoDB

Design: Adobe Photoshop, Illustrator, Xd, Figma

DevOps: GitHub Actions, Kubernetes, Docker

Work Experience & Open Source

Red Hat

July 2021 – Present

Associate Software Engineer

Pune - Remote

- Working on creating custom components for our application using React and Patternfly
- Improved GitLab pipeline speeds by writing custom stages and scripts
- Worked on writing unit tests for different components using Jest and React Testing Library
- Implemented complete functionality using ReactJs, TypeScript from wireframes.
- Worked on Red Hat Open Source Projects to improve features and fix bugs
- Worked with cross-functional teams to implement various features in the application
- Worked on user research for a new feature/improvement

Layer5

March 2021 – Present

Open Source Contributor

Remote

- Managed Layer5 YouTube Channel by editing and rendering videos
- Worked on **Meshery**, the service mesh management plane on improving it's User Interface and Working on other Layer5 projects

Bounce

Nov 2020 – Dec 2020

Full Stack Developer Intern

Bengaluru, Karnataka

- Took concepts and created design mock-ups, high fidelity prototypes to strengthen designs, enhanced user experiences for users of the app as well as delivery persons.
- Built front-end web Interface for users to rate and tip delivery persons along with usage of **Firebase** for backend and using **Netlify** to setup a basic **CI Pipeline** for hosting the site.

Projects

Vue - Wearable Indoor Navigation System for the Visually Impaired

July 2021

- A device which uses Machine learning, OpenCV and Image Classification to detect the objects around the user and give accurate feedback in the form of audio and haptic mode - Bachelor Thesis
- Technology Stack:** Raspberry Pi, YoloV4, Python, OpenCV

Aqua v2.0 | Raspberry Pi, Python, React-Native, Firebase

December 2020

- A device with software created to make pure drinking water affordable as well as available to everyone and in the process contribute towards a cleaner and greener environment.

Xplor | React Native, Arduino, Raspberry Pi, Firebase, GCP, Adobe Xd

October 2020

- A Satellite as a Service platform designed towards creating satellites or gathering accurate weather data from higher altitudes where a user can get precise weather data as well as be able to forecast weather.

Leadership / Extracurricular

- Beta Microsoft Learn Student Ambassador:** Learn Student Ambassadors are a global group of campus leaders who are eager to help fellow students, create robust tech communities, develop technical and career skills for the future, **Certificate**
- Co-founded **Tech Club of JyothyIT**, the body responsible for all the technical events in the institution - Nov 2020
- Participated and Won in over 8+ Hackathons organized by prestigious universities across the globe having 500+ participants in each of them - **Hackathon Achievements - Link**