Amey Bairolu

Mumbai, India

https://github.com/Ameybairolu

https://www.linkedin.com/in/ameybairolu/

Education

Electronics and Telecommunication Engineering,
VIDYALANKAR INSTITUTE OF TECHNOLOGY
2015 – 2019 | Mumbai
CGPA: 8.21/10

HSC, *ATOMIC ENERGY JUNIOR COLLEGE*
2013 – 2015 | Mumbai
Percentage acquired: 80.62%

Skills

Frontend (ReactJS, Redux, React Router, TypeScript, Tailwind, HTML5, CSS3, JavaScript, BootStrap),
Programming (Data Structures and Algorithm in Java, OOPS, Python, C),
Other (GIT, Figma)

Certificates

Career Camp| ReactJS ⬀
Coding Ninjas

Data Structures and Algorithms in Java
Coding Ninjas

Web Development
Internshala Trainings
Credentials: 7EC95A48-8A3A-5AE6-5522-407B879A3D13

Programming, Data Structures and Algorithms Using Python
NPTEL
Credentials: NPTEL17CS28S2540734

Achievements

Published paper in an International Journal ⬀
Technical paper on "IoT and Face Recognition based Remote Access System" published in MOL2NET, 2019.

Organizations

OYE - Organization for Youth & Elderly,
Volunteer
08/2018 – 01/2021
Participated and helped conduct various events for public awareness to support elderly lives and to make education accessible to the unprivileged.

IEEE-VIT (Bombay Section),
Technical and Publicity team member
06/2016 – 05/2017

Professional Experience

SPARKYO TECHNOLOGY PRIVATE LIMITED (SYOOK),
Associate Software Engineer
12/2021 – 07/2022
- Worked as a front-end developer to implement new features to the company's product using ReactJS, Redux, and React Router DOM, primarily.
- Developed reusable components and documented the progress.

CODING NINJAS, *Teaching Assistant*
03/2021 – 07/2021
Assisted students of Java Data Structures and Algorithm course with doubts related to the curriculum & provided mentorship to the students.

Projects

IoT and Face Recognition based Remote Access System,
B.E. Final Year Project ⬀
- Led a team of 3 to build a model on a system that gives access to known visitors and lets the owner decide whether to provide access to unknown visitors.
- Used python library on Face-Recognition and Flask to design the web page to control giving access.

Remote Security System
A project aimed at building a system that allows the owner to observe various rooms of the house and the surroundings remotely and notifies the owner of any unethical activity.

DISH-POLL UI ⬀
- A dish-poll app to vote for your top-3 favorite dishes from the list, created using ReactJS, Redux Toolkit, React Router
- Link: https://ameybairolu.github.io/DishPoll/
- Link to understand features: https://github.com/Ameybairolu/DishPoll

CHAT-APP UI ⬀
- A ChatApp UI using ReactJS, Redux Toolkit, React Router.
- Link: https://ameybairolu.github.io/ChatApp/

iPod Emulator using ReactJS ⬀
- An iPod emulator using ReactJS and the default hooks.
- Demo link- https://ninjasfiles.s3.amazonaws.com/0000000000003618.gif
- Hosted link- https://ameybairolu.github.io/iPod/

FORKIFY ⬀
- Created a search engine application for food recipes using JavaScript and a food recipe API.
- Link: https://forkifybyamey.netlify.app

Internships

Embedded Systems Intern,
Indeecon Equipment & Instrument Co.
06/2018 – 07/2018
Worked on an IoT Based Bridge Health Monitor to measure various aspects of a bridge that help determine its health.

Trainee, *Indian Railway (Western Railway)*
03/2018 – 04/2018
Researched the various aspects of managing traffic, timing, etc., required to ensure that each train reaches its destination on time and help them avert potential problems.