

SUJATHA ARUNAGIRI

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SKILLS

MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS) | NextJS | Javascript (ES6) | CSS3 | HTML5 | Bootstrap5 | Airbnb Style Guide for JavaScript, Mozilla Developer Network for JavaScript (MDN) | GraphQL | Docker | CI/CID and DevOps | Testing: Jest | Cloud: AWS, Heroku, DigitalOcean | Agile/project Management | Version Control: Git, Github | Other: Visual Studio Code.

EDUCATION

MIT xPRO, Professional Certificate in Coding: Full Stack Development with MERN March 2023

Google Career Certificates, Foundations of Project management May 2021

Madurai Kamaraj University, Master of Philosophy in Zoology(Spl. Biotechnology) May 2007

PROJECTS

BadBank Application

Frontend Developer

- Tech Stack: ReactJS, Javascript, HTML, CSS, Bootstrap, AWS.
- Designed and developed a Single Page Application based on User Stories.
- Tested and Deployed application to AWS S3 bucket for static website hosting.

Full Stack Banking Application

Full Stack Developer

- Tech Stack: MongoDB, ExpressJS, ReactJS, NodeJS, Javascript, HTML, CSS, Bootstrap, Firebase, Docker, DigitalOcean.
- Refactored Front-End BadBank application to integrate back-end Express API, MongoDB data store, and Firebase authentication for data access.
- Dockerized Full-Stack application deployed to DigitalOcean.

Real Time Bus Tracker

- Tech Stack: Javascript, HTML, CSS, Mapbox.
- Built a real time bus tracker for MBTA (Massachusetts Bay Transportation Authority).
- Data pulled via API is represented as pop-ups to provide bus id and seat availability.

EXPERIENCE

Challenger Schools

December 2016 - June 2018

Preschool Teacher

- Designed and Delivered educational experiences for children.
- Partnered with parents to support their children's learning and success.

Lady Doak College

May 2005 - June 2006

Lecturer in Biotechnology

- Guided student-led research projects while fostering their critical thinking, communication, and teamwork skills.

Service Learning Project

July 2002 - May 2003

- Leveraged collaboration and problem-solving skills to contribute to a pioneering project that enhanced the quality of life in a rural community.