

# 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 Popupto 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.