JOEL C RAJU

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EDUCATION

Amal Jyothi college of Engineering   **Kanjirapally**, Kerala, India
B-Tech & CGPA 8.21   *July 2019 – July 2023*

St. Gregorios School   **Dwarka,** *Delhi, India*
XII standard & CGPA 9.3   *March 2018 – March 2019*

PROJECT

Blogo: Website for blogging
- Designed and developed a dynamic blogging website call Blogo.
- Authors have the capability to publish their blogs, which are accessible for reading by all users.
- Users have the ability to generate or remove their own blogs.
- Tech used: React.js, HTML, CSS, JavaScript, MongoDB, Node.js, Express.js

Fruit Rot Detection
- Created a React Web App using VGG16 Model for Image Classification to detect rotten fruits.
- Built a system using Gas sensors and Raspberry pi to detect rotten fruits from gases emitted from it.
- Integrated the Web App to gas system to see real-time gas values.
- Tech used: Python, React, Jupyter, IoT, HTML, CSS

SwiftAid : Providing First Aid (github.com/joelcr10/SwiftAid-Docs**)**
- Developed the backend for the mobile application (SwiftAid).
- Worked on the database to perform CRUD operations on user interaction.
- Implemented real time tracking of nearest doctors within 2km radius and send help signal to all nearby doctors.
- Tech used: Flutter, Firebase.

learnchess.online (learnchess.online/)
- Design and developed a website for a startup company that teaches chess to children all around the world.
- Created contact page using PHP to mail customer Queries and bookings.
- Made website responsive to all screen sizes.
- Tech used: HTML, CSS, JavaScript, PHP

LEADERSHIP EXPERIENCE

WEB MASTER
ACM AJCE Student Chapter   *March 2022 – March 2023*
- Developed and managed the official website of the organization.
- Helped in organizing various events conducted by ACM AJCE and contributing to their successful execution.
- Helped in growing the community among the students of Amal Jyothi college of Engineering.

STUDENT COUNCIL MEMBER
Amal Jyothi college of Engineering   *December 2021 – December 2022*
- Represented the student community at council meetings, ensuring their voices were heard and needs addressed.
- Organizing various events at college level to enhance the students experience.

WEB/APP TEAM HEAD
Open House Exhibition, Amal Jyothi College of Engineering   *November 2022*
- Organizing and managing the team of Web/App development Exhibition.
- Implemented Ideas to exhibit the scope and demonstrate web/app development.

ADDITIONAL SKILLS

LANGUAGES: English, Hindi, Malayalam.
TECHNICAL SKILLS: Java, Python, React, HTML, CSS, JavaScript, MongoDB, MySQL, PHP, Flutter, Git, Node.js.
TOOLS: Photoshop, Github, Figma, Linux.

CERTIFICATIONS AND WORSKSHOPS

- **Complete NodeJS course with express, socket.io and MongoDB**
  Udemy, July 2022
- **Programming for Everybody (Getting started with Python)**
  University of Michigan, June 2020
- **Progressive Web apps using Firebase serverless workshop**
  IEEE TKM, October 2019
- **Android App Development for Embedded system**
  EdGate, September 2020