

DIYA FATHIMA KV

FULL STACK DEVELOPER

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— <https://github.com/Diyafathimakv> — Bangalore,India

SUMMARY

Aspiring software developer with a strong foundation in web technologies including **JavaScript, React.js, Python, Flask, SQL, HTML and CSS**, Experienced in developing functional projects and passionate about learning new technologies and solving real-world problems through code.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, C

Web Development: HTML5, CSS3, React.js, Flask, REST APIs

Database: SQLite

Tools: Git, GitHub, VS Code

PROJECTS

Expense Tracker Web Application

React.js, Flask, SQLite

Github Repository Link: <https://github.com/Diyafathimakv/smart-expense-tracker>

- Developed a full-stack expense tracking web application to record and manage daily expenses.
- Built a responsive frontend using **React.js, HTML, and CSS** for adding, viewing, and deleting expenses.
- Implemented a Flask backend with **REST APIs** to handle data processing and communication with the frontend.
- Stored and managed expense data using **SQLite** database for efficient retrieval and updates.

Audio Assistance for Visually Impaired Teachers

Python, OpenCV, CNN, Haar Cascade

- Developed a vision-based assistance system to help visually impaired teachers monitor classroom activities.
- Implemented **CNN and Haar Cascade** algorithms using OpenCV to detect and analyze student behavior from camera input.
- Designed a system that provides real-time audio feedback and voice alerts to inform teachers about classroom events.
- Improved classroom management and supported inclusive education through automated image processing and assistive technology.

INTERNSHIP

Frontend Developer Intern – Codilar Technologies

HTML, CSS, JavaScript, React.js

- Completed a frontend development internship, gaining practical experience in building responsive web interfaces.
- Developed and improved UI components using HTML, CSS, JavaScript, and React.
- Collaborated using Git and GitLab for version control and project management.
- Utilized VS Code and modern development tools to write, test, and maintain frontend code.

COURSE AND CERTIFICATIONS

Full Stack Web Development Training – Besant Technologies

- Completed comprehensive training in Full Stack Web Development covering frontend and backend technologies.
- Gained practical experience in HTML, CSS, JavaScript, React, Python, and Django for building web applications.
- Developed hands-on projects to understand application development and database integration.
- Utilized Git and GitHub for version control and collaborative development workflows.

EDUCATION

2021 – 2025 Kuttippuram, India	Bachelor of Technology (B.Tech)	MES College Of Engineering Computer Science & Engineering (CGPA: 7.69/10)
2019 – 2021 Kondotty, India	Higher Secondary	EMEAHSS Kondotty (Percentage: 98%)
2018– 2019 Pulikkal, India	High School	Floreat International School(Percentage: 95%)