DIYA D SHETTY

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SUMMARY

A Computer Science & Engineering student who thrives on challenges and constantly set goals in learning new skills. Currently working on becoming a better full-stack developer and keeping a close eye on emergent technologies, looking for a software based company that would help improve professional and domain skills and dedicate the skills acquired for the overall benefit of the organization.

EDUCATION

Bachelor of Engineering - Computer Science & Engineering	2022-Present
Mangalore Institute of Technology & Engineering, Karnataka	CGPA: 9.05
Senior Secondary (12th)	2020-2022
Poornaprajna P.U College, Udupi, Karnataka	Percentage: 97%
Secondary School (ICSE)	2019-2020
Vidyaniketan Public School, Kapu, Karnataka	Percentage: 95%

SKILLS

Backend   : Java, Spring Boot, Spring Security
Frontend   : ReactJS, HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS
Database   : MySQL
Tools   : Git, Postman, IntelliJ

PROJECTS

Image Forgery Detection System   **Sep 2024-Dec 2024**

Designed and implemented an advanced image forgery detection system leveraging Convolutional Neural Networks (CNN) and Error Level Analysis (ELA) techniques. Achieved robust detection capabilities through deep learning and image analysis, enhancing integrity and authenticity in digital media.

Face Blurring App (Python, Streamlit, OpenCV)   **Dec 2024-Feb 2025**

Developed a real-time face blurring application that supports image, video, and webcam inputs. Utilized Mediapipe for face detection and OpenCV for face blurring, with a user-friendly interface built using Streamlit for seamless interaction and real-time feedback.

Notes App (Spring Boot, Security Focus)   **Feb 2025-Apr 2025**

Developed a Notes App emphasizing security features, including CSRF protection, JWT-based authentication, and role-based access control. Implemented CRUD operations using Spring Boot, JPA, and MySQL, ensuring secure data handling and user authorization.

Real-Time Chat Application   **Apr 2025-May 2025**

Built a real-time chat app using Spring Boot, WebSocket, and STOMP for two-way messaging. Used Thymeleaf and Bootstrap for a responsive UI, and integrated SockJS/STOMP.js for reliable client-server communication.

COURSE

Certified in the course 'Google Cybersecurity' authorized by Google in the year 2024