

# DIYA D SHETTY

+91-6362274840 || [diyashetty@gmail.com](mailto:diyashetty@gmail.com)

LinkedIn: <https://www.linkedin.com/in/diya-shetty-880363259>

GitHub: <https://github.com/DiyaDShetty>

LeetCode: <https://leetcode.com/u/diyadshetty>

Portfolio: <https://diyashetty.netlify.app>

Biliyaru Moodumane, Kurkal Village, Kunjargiri post, Udupi District, Karnataka 574105



## 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: 9.06

Senior Secondary (12th) 2020-2022  
Poornaprajna P.U College, Udupi, Karnataka Percentage: 97%

Secondary School (ICSE) 2019-2020  
Vidyaniketan Public School, Kapu, Karnataka Percentage: 94.67%

## SKILLS

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

## PROJECTS

**Self-Driving Car Simulation using Neural Networks** July 2025-Present  
Designing and implementing a self-driving car simulation by building a neural network from scratch, utilizing artificial sensors to generate real-time environmental data for autonomous navigation, lane following, and collision avoidance.

**Notes App (Spring Boot, Security Focus)** Feb 2025-May 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** Jan 2025-Feb 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.

**Face Blurring App (Python, Streamlit, OpenCV)** Dec 2024-Jan 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.

**Image Forgery Detection System** Aug 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.

## COURSES

Certified in the course 'Google Cybersecurity' authorized by Google in the year 2024 ([link](#))

Certified in the course 'Spring Security 6 with ReactJS, OAuth2, JWT | Spring Boot' authorized by Udemy in the year 2025 ([link](#))