

DHARSANA K R

B.Tech in Computer Science and Engineering

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Professional Summary

Detail-oriented and motivated Full Stack Developer with a strong foundation in front-end and back-end development. Proficient in building responsive web applications using modern technologies and frameworks. Skilled in Python, JavaScript, HTML, CSS, and database management with hands-on experience in developing full stack projects. Passionate about creating efficient, user-friendly solutions and eager to contribute to innovative software development teams as a fresher.

Education

Universal Engineering College, Thrissur	2026
B.Tech in Computer Science and Engineering(Pursuing)	CGPA: 7.44/10
P. Bhaskaran Smaraka Govt HSS, Thrissur	2022
Higher Secondary Education	Percentage: 95%
P. Bhaskaran Smaraka Govt HSS, Thrissur	2020
Secondary Education	Percentage: 95%

Internship Experience

AI Intern, Pacelab Redefining Technology, Kochi	May 2023
Data Science and AI Intern, Keltron Knowledge Centre, Kaloor	July 2024
Full Stack Development Intern, GP3 Cloud Innovations (OPC) Pvt. Ltd	June 2025

Academic Projects

Replica – Clone Website Detection App	Flask, MongoDB, XGBoost
• Built a phishing detection web system achieving 90% accuracy using XGBoost and Flask.	
• Integrated a browser extension for real-time fake site detection and secure redirection.	
Automated Cerebral Infarct Detection using fMRI and Deep Learning	Python, Django, CNN, ViT
(Ongoing)	
• Developing a deep learning system to identify stroke-affected regions from fMRI images.	
• Optimizing model performance and deployment using CNN and Vision Transformer architectures.	
Student Attendance Tracker	Django, JavaScript
• Created a web-based attendance management system reducing manual work by 60%.	
• Implemented secure backend logic and real-time data updates using Django and JavaScript.	
Fake News Detection	Flask, Python, NLP
• Built a text classification system to detect fake news using Logistic Regression and TF-IDF.	
• Deployed the model on Flask with a scalable and efficient backend architecture.	

Technical Skills

Languages: Python, JavaScript, HTML, CSS

Web Technologies: React.js, Flask, REST APIs

Databases: MySQL, MongoDB

Tools & Platforms: VS Code, Github, Chrome Extensions

Soft Skills: Analytical Thinking, Problem Solving, Adaptability, Team Collaboration, Effective Communication

Achievements

- Built real-time phishing detection and web-based analytical systems using Flask and Python.
- Built a browser extension for real-time URL analysis and backend integration.
- Created ML projects involving data preprocessing, model training, and evaluation.

Certifications

Full Stack Development

Interests

Full Stack Development, Machine Learning, Artificial Intelligence, Cybersecurity, Software Engineering