

# 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

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

## Internship Experience

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

## Academic Projects

<b>Replica – Clone Website Detection App</b>	Flask, MongoDB, XGBoost
<ul style="list-style-type: none"><li>Built a phishing detection web system achieving 90% accuracy using XGBoost and Flask.</li><li>Integrated a browser extension for real-time fake site detection and secure redirection.</li></ul>	
<b>Automated Cerebral Infarct Detection using fMRI and Deep Learning</b>	Python, Django, CNN, ViT
(Ongoing) <ul style="list-style-type: none"><li>Developing a deep learning system to identify stroke-affected regions from fMRI images.</li><li>Optimizing model performance and deployment using CNN and Vision Transformer architectures.</li></ul>	
<b>Student Attendance Tracker</b>	Django, JavaScript
<ul style="list-style-type: none"><li>Created a web-based attendance management system reducing manual work by 60%.</li><li>Implemented secure backend logic and real-time data updates using Django and JavaScript.</li></ul>	
<b>Fake News Detection</b>	Flask, Python, NLP
<ul style="list-style-type: none"><li>Built a text classification system to detect fake news using Logistic Regression and TF-IDF.</li><li>Deployed the model on Flask with a scalable and efficient backend architecture.</li></ul>	

## 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