

# Paduchuri Vikrama Dhanvi

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## Summary

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Computer Science undergraduate skilled in full-stack development and machine learning. Passionate about solving real-world problems using React, Node.js, Python, and SQL. Strong grasp of web systems, software engineering, and AI.

## Work Experience

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<b>Kodeblue Technologies</b> ML Intern	<i>Present</i>
Building a hospital recommendation system using machine learning and healthcare data.	
<b>EDUNET Foundation</b> Frontend Intern	<i>2 months</i>
Built a student portfolio using HTML, CSS, JavaScript. Gained experience in responsive UI development.	

## Projects

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<b>Fight Detection System</b>	<a href="#">[GitHub]</a>
Real-time video-based violence detection using CNN models and frame classification.	
<b>Real Estate Website</b>	<a href="#">[GitHub]</a>
Property listing platform with filtering, chat, and login using PHP, JS, MySQL.	
<b>Insurance Cost Prediction</b>	<a href="#">[GitHub]</a>
Predictive model for estimating medical costs using scikit-learn regression.	
<b>Telemedicine Platform</b>	<a href="#">[GitHub]</a>
Platform for online doctor consultations with auth, dashboard, and appointment modules.	

## Education

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<b>SRM University, Amaravati</b>	<i>2022–2026</i>
B.Tech in Computer Science	GPA: 7.71 / 10.0
<b>AP Board of Intermediate Education (Class 12)</b>	<i>2022</i>
	Score: 72.2%
<b>BSEAP (Class 10)</b>	<i>2020</i>
	Score: 96%

## Publications

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**Ongoing Research on Face Liveness Detection Using Image Processing** – Applied computer vision techniques such as head tilting, blinking, and facial landmark detection to differentiate real users from spoof attacks in biometric systems.

## Certifications

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AWS Cloud Technical Essentials, Migrating to the AWS Cloud, AWS Fundamentals, Architecting Solutions on AWS, The Joy of Computing Using Python (NPTEL Silver)

## Skills

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Languages	C, C++, Python, JavaScript, SQL
Frontend	HTML, CSS, JavaScript, React.js
Backend	Node.js, Express.js, PHP
Tools	Git, GitHub, VS Code, Postman
Databases	MySQL, MongoDB
Concepts	DSA, OOP, REST APIs, Full-stack Integration