

# Bharat

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 Vijayapura

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## Profile

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Computer Science engineering student with strong knowledge in Java, C, Python, Data Structures, Web Technologies, and Networking. Hands-on experience in developing AI-based real-time applications, including pose detection using OpenCV and MediaPipe. Passionate about building efficient solutions, understanding system fundamentals, and contributing to impactful technical projects.

## Education

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2022 – 2026	BLDE College of Engineering and Technology, Vijayapura	8.21
2020 – 2022	DDU Independent PU College, Shahapur	80.33%

## Skills

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### Programming Languages

C, Java, Python

### Web Technologies

HTML, CSS, JavaScript, React

### Database Skill

Mysql

### Core Concepts

Computer Networks, Cloud Computing, Machine Learning

## Academic Experience

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17/05/2025 – 19/05/2025	<b>Real-Time Yoga Pose Detection (Hackathon 2025)</b> <ul style="list-style-type: none"><li>Developed an AI-powered real-time yoga posture detection system using <b>Python, OpenCV, and MediaPipe</b>.</li><li>Implemented angle-based pose analysis and achieved <b>90%+ pose accuracy</b>.</li><li>Built a <b>Flask backend</b> for real-time processing and a <b>React frontend</b> for an interactive UI.</li><li>Added live posture correction feedback and health benefit suggestions.</li></ul>
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5/12/2024 – 10/01/2025	<b>Online Library Management (Miniproject)</b> <ul style="list-style-type: none"><li>Designed a web-based system to manage library activities such as book issue, return, and user records.</li><li>Built frontend using <b>HTML, CSS, JavaScript</b> and backend using <b>PHP &amp; MySQL</b>.</li><li>Implemented secure CRUD operations for handling books and members.</li><li>Reduced manual work by digitizing record management.</li></ul>
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1/11/2025 – 25/11/2025	<b>Online Bus Booking System – ASP.NET (C#)</b> <ul style="list-style-type: none"><li>Developed a <b>web-based bus booking application</b> using ASP.NET, C#, and SQL Server.</li><li>Implemented features like <b>bus search, seat selection, user login, and booking history</b>.</li><li>Developed Admin module with CRUD operations for buses, routes, schedules, and bookings.</li><li>Designed and connected a relational SQL database using stored procedures for all major operations.</li></ul>
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## Certificates

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### Networking Basics

Cisco Networking Academy

### Programming using java

Infosys Springboard

### Data Visualization Virtual Experience

TCS Forage

### Getting Started with Competitive Programming,

Cloud Computing, Data Base Management System

Vtu Honours

## Languages

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• English

• Kannada

• Hindi

## Declaration

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I hereby declare that the information provided above is true and accurate to the best of my knowledge and belief.

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