

# YOGESH H K

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## EDUCATION

### • Bachelor of Engineering in Computer Science and Engineering

*Adichunchanagiri Institute of Technology, Chikkamagaluru*

2022-26

CGPA: 8.1

### • Higher Secondary Education (Class 12)

*MDR PU College, Tumakuru*

Percentage: 86.66

## TECHNICAL SKILLS AND INTERESTS

**Languages:** C/C++, Python, Java, HTML+CSS

**Libraries :** C++, Python Libraries

**Web Dev Tools:** VScode, Git, Github

**Cloud/Databases:** (MYSQL, MongoDB)

**Areas of Interest:** Web Design and Development.

**Cloud Computing:** Amazon Web Service (AWS)

**Soft Skills :** Problem Solving, Self-learning, Adaptability, Team Collaboration,

**Documentation tools:** Microsoft office, LaTeX.

## PERSONAL PROJECTS

### Major Project (DARU-Net: Deep Learning Model for Forest Burned Area Identification)

*Guide : Mr.Harish S*

- Implemented a dual-path deep learning model (DARU-Net) for identifying forest burned areas using multi-source satellite imagery.
- The web application allows users to upload satellite images and receive detailed analysis including burned area size, accuracy metrics, and visualization of the detected regions.

### Mini Project On DBMS (ShowTracker -Booking Platform) (August-2024)

*Guide : Mrs.Saritha*

- Developed a comprehensive web application, ShowTracker, designed for users to browse and book tickets for movies, events, and sports activities.
- The platform features a user-friendly interface that allows users to search for movies and events based on location, view detailed descriptions, and make secure bookings.
- Managed MySQL database for user data and booking information.

### Vehicle Service Management System (December-2024)

*Guide : Mrs.Mithuna B N*

- Built a PHP-MySQL system for vehicle service scheduling, workflow tracking, and real-time updates. Frontend designed with HTML, CSS, JS. Used XAMPP for full-stack integration.
- Tech:PHP, MySQL, HTML, CSS, JS, XAMPP.

## CERTIFICATIONS

### Programming In Java

Jan-Apr 2025

*NPTEL Certificate*

(Indian Institute of Technology Kharagpur)

- Completed a 12-week government-recognized course covering core Java concepts including OOP, exception handling, multithreading, file I/O, and data structures.
- Applied concepts through graded programming assignments and a final proctored exam, gaining hands-on experience in building Java applications.

### Python Complete Course For Beginners

March - 2025

*Udemy Certificatre*

(Online)

- Completed a comprehensive course covering Python fundamentals, data structures, OOP, file handling, and real-world project building.
- Gained hands-on experience in writing efficient, readable code and problem-solving using Python.

### Full Stack Web Development

October - 2025

*GeeksforGeeks*

(Nation Skill Up)

- Completed Full Stack Web Development certification from GeeksforGeeks, demonstrating consistency and technical proficiency in end-to-end web application development.
- Trained in full stack development using HTML5, CSS3, JavaScript, React.js, Node.js, Express.js, MongoDB, REST API integration, and Git-based version control with focus on responsive web applications.