Yogesh H K

Bachelor of Engineering
Adichunchanagiri Institute of Technology, Chikkamagaluru

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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
Documentation tools: Microsoft office, LaTeX.

PERSONAL PROJECTS

–**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.

–**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 system processes Sentinel-1 SAR and Sentinel-2 optical images through separate paths to extract complementary information about burned areas.
* 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.

CERTIFICATIONS

–**NPTEL Certificate**   *Jan-Apr 2025*
Programming In Java   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.

–**Quiz Certificate**   *November - 2024*
Certification Of Participation   Adichunchanagiri Institute of Technology
* Participated in a college-level quiz competition demonstrating strong general knowledge, critical thinking, and teamwork skills.

EDUCATION

–**Bachelor of Engineering in Computer Science and Engineering**   *2022-26*
Adichunchanagiri Institute of Technology, Chikkamagaluru   CGPA: 8.1

–**Higher Secondary Education (Class 12)**   *Percentage: 86.66*
MDR PU College,Tumakuru