



KEY EXPERTISE

C Object Oriented Programming Java SQL Android Development HTML CSS C# .net core MVC

EDUCATION

Shrimati Kashibai Navale College Of Engineering

2020 - 2024

B.E. - Electronics & Telecommunication Engineering | CGPA: 8.66 / 10

SVIT Polytechnic Solapur, Solapur

2020

Diploma | Diploma - Electronics & Telecommunication Engineering | MSBTE | Percentage: 86.94 / 100

Manikbaba Vidyalay Shelgaon, Shelgaon

2017

10th | Secondary School Certificate | Percentage: 80.40 / 100

AWARDS AND SCHOLARSHIPS

- o Certification in Java

INTERNSHIPS

Ibase Technologies

13 Feb, 2023 - 13 Mar, 2023

Trainee

Key Skills: Android Java

Android application is designed specifically for college department. The application served as a centralized platform for students, faculty and staff to access essential departmental information enhance communication within the department. Key features included course information, announcements, resources repository, faculty directory, event calendar and placements update.

Shams Energy Solapur

20 Apr, 2019 - 20 May, 2019

Trainee

Assisted in the design, analysis, and implementation of solar energy systems, including photovoltaic (PV) and thermal projects. Conducted performance testing, data analysis, and optimization of solar panel efficiency. Collaborated with cross-functional teams to assess site feasibility, conduct energy audits, and develop proposals for renewable energy solutions. Gained hands-on experience with industry-specific tools and software for system modeling and design.

PROJECTS

Ornithopter

30 Dec, 2022 - 20 Apr, 2023

Team Size: 3

Key Skills: Microcotroller RF Transmitter Rf Receiver Motors

Designed and developed a bio-inspired flying mechanism mimicking bird/insect wing motion to achieve flapping-wing flight. Conducted aerodynamic analysis and structural optimization to enhance flight stability and efficiency. Utilized CAD software to design components and performed simulations for motion and stress analysis. Built and tested prototypes using lightweight materials, refining the design through iterative testing. Collaborated in a multidisciplinary team to integrate mechanical, electrical, and control systems for seamless functionality.

Accident prevention system

Team Size: 3

Key Skills: Microcontroller Arduino Uno

Designed and implemented an intelligent system to enhance vehicle safety by detecting potential collision risks and alerting the driver. Integrated sensors (e.g., ultrasonic, infrared, or cameras) to monitor surroundings and identify obstacles or proximity hazards in real time. Developed algorithms for collision detection, braking assistance, and lane departure warnings using microcontrollers and embedded systems. Conducted testing and calibration to ensure accuracy and reliability under various environmental and road conditions. Collaborated in a team to combine hardware and software components, improving system response time and efficiency.

Touchless Handsanitizer

Team Size: 4

Key Skills: Arduino UNO Microcontroller

Designed and developed an automatic touchless hand sanitizer dispenser to promote hygiene and reduce cross-contamination. Utilized infrared/ultrasonic sensors to detect hand presence and trigger a controlled release of sanitizer. Programmed microcontrollers (e.g., Arduino) for efficient sensor integration and precise liquid dispensing. Built a compact, user-friendly prototype using lightweight and durable materials for practical use. Conducted testing and troubleshooting to ensure accurate sensing, reliability, and consistent performance under various conditions.

Hospital Management System

Key Skills: Java JSP MySQL

Designed and developed a comprehensive system to streamline hospital operations, including patient registration, appointment scheduling, and medical record management. Implemented modules for doctor-patient communication, billing, inventory management, and staff administration. Utilized [specific programming languages or tools, e.g., Java, Python, SQL] to create a user-friendly interface and ensure secure data handling. Integrated database systems to manage and retrieve patient information efficiently while maintaining compliance with data privacy regulations. Conducted thorough testing to optimize system performance, minimize errors, and ensure scalability for future enhancements.

Custom Website Design & Development

Key Skills: Asp.net , MVC, C#, Razor Pages, Entity Framework Core, SQL Server, HTML, CSS.

- Designed and customized a responsive web application based on the Start Bootstrap Agency template.
- Designed and developed a responsive web application using ASP.NET Core MVC with C# handling both front-end and back-end logic.
- Created custom UI using Razor Views, HTML, and CSS, without using any external frameworks like Bootstrap.
- Implemented form handling, data binding, and user interaction logic directly in C# Razor Pages.
- Utilized Entity Framework Core with a Code First approach to manage the SQL Server database.
- Followed the MVC architecture to ensure modularity, separation of concerns, and clean code structure.
- Built CRUD operations for dynamic content and tested the application locally with a focus on performance and maintainability

SEMINARS / TRAININGS / WORKSHOPS

Arduino Workshop Institute Name: SVERI College Pandharpur

Satellite Telecommunication Industrial Training Program

Institute Name: Satellite Telecom Pvt.Ltd.
one day training at Satellite Telecom Pvt.Ltd.

CO-CURRICULAR ACTIVITIES

- Attended soft skill training under Barclays "Life Skills"

PERSONAL DETAILS

Gender: Female

Marital Status: Single

Current Address: Hingane Khurd, Sinhgad Road, Pune, Pune, Maharashtra, India - 411051

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