

Software Developer

Basic Information

Name : Vaibhav Suresh Ghangale

Phone : 9921824568

Address : 26 Dhadiwal layout ,Soyog nagar, Nagpur, MAHARASHTRA

Email : vaibho27@gmail.com



Academic Details

Level	Stream	Institute	Board/University	Passing Year	Degree %	Division
BTech	Electrical & Electronics	National Institute of Technology Karnataka, Surathkal, Mangalore	National Institute of Technology Karnataka	2024	59.4 %	II
XII	Science	Yashoda Higher Secondary ,Nagpur,Maharashtra	Maharashtra State Board of Secondary and Higher Secondary Education,Pune	2019	74.15 %	I
X	General	VIMAL TAI TIDKE CONVENT ,NAGPUR,MAHARASHTRA	CBSE	2017	82.4 %	I

Academic Projects

Title : Synergy

Platform : J2EE

Duration : 1 Month

Description : Developed a full-stack dating website enabling users to create profiles, like other profiles, and interact with potential matches.Key Features and Technologies:Frontend: Built a responsive user interface using React.Backend: Developed a secure and scalable backend with Spring Boot.Database: Used MySQL for efficient data storage and retrieval.Authentication & Security:Implemented role-based access control with Spring Security.Integrated JWT (JSON Web Tokens) for secure, token-based authentication.Database Interaction: Simplified data handling with Spring Data JPA.Email Integration: Added email notifications and password recovery workflows using Spring Mail.Showcased expertise in modern full-stack development and demonstrated strong problem-solving skills in building secure, scalable, and user-centric web applications.

Project Repository : <https://github.com/vaibho-G/FinalProject>

Title : Solar irradiation forecasting

Platform : Python

Duration : 8 Months

Description : Developed an advanced solar irradiation forecasting model using machine learning algorithms and meteorological data, significantly improving prediction accuracy. Utilized historical weather data and ground-based measurements for model training and validation.Collaborated with a multidisciplinary team, demonstrating strong analytical skills and proficiency in Python.

Title : Venue Booking System

Platform : Web Development-MERN

Duration : 1 Month

Description : Developed a full-stack web application to streamline venue booking processes. The system enables users to search and book venues based on their preferences, with each listing providing detailed information such as availability, pricing, and amenities.Frontend: Built a dynamic, responsive user interface using HTML, CSS, JavaScript, and Bootstrap.Backend: Developed a secure and scalable backend with Node.js and Express.js, incorporating RESTful APIs and JWT-based authentication for secure user sessions.Database: Designed and managed data storage using MySQL for efficient data handling.Enhancements:Integrated role-based authentication and secure booking workflows.Gained hands-on experience in full-stack development and creating functional, secure web applications.

Project Repository : <https://github.com/vaibho-G/Venue>

Other Information

- Technical Certification : 1.Intern at MAHARASHTRA METRO RAIL CORPORATION LIMITED
2.BUSINESS ANALYST-successfully completed internship at FINLATICS
- Extra Curricular : 1.Inter-NIT Competition:
Achieved 2nd Place as part of a team in an inter-NIT competition, showcasing strong teamwork, strategic thinking, and competitive spirit.
2.Participated in stock market simulations and investment clubs at NIT Karnataka, developing skills in market analysis, portfolio management, and strategic decision-making.
- Hobbies : 1.Playing chess, which enhances strategic thinking, problem-solving, and concentration skills.
2.Painting and creating art, fostering creativity and attention to detail.

Personal Information

Date of Birth : 27/04/2001Gender : Male

Nationality : IndianPassport : Available

Languages Known : English,Hindi,Marathi