

# Vadiraj Betageri

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## CAREER OBJECTIVE

Energetic full-stack developer with hands-on experience in React, Node.js, and MongoDB. Driven by clean code, great UI, and bringing ideas to life through the web.

## WORK EXPERIENCE

### Intern – Overhaul Division, HAL • Internship

Feb 2025 - May 2025

Hindustan Aeronautics Limited, Bangalore

- Designed the frontend interface of a Key Management System using React and Tailwind CSS for HAL's Overhaul Division.
- Developed role-based UI components simulating key tracking and access control across 3 departments.
- Gained hands-on exposure to aircraft systems and collaborated with domain experts to align UI with real MRO operations.

### Full-Stack Web Development Intern • Internship

Jul 2024 - Sep 2024

Main Flow Services And Technologies Pvt.Ltd, Virtual

- Completed a certified full-stack internship involving 10+ structured tasks using HTML, CSS, JavaScript, and React.
- Strengthened core frontend skills by building responsive interfaces and reusable components.
- Explored full-stack development with hands-on mini projects, gaining confidence in MERN stack fundamentals.

## EDUCATION

### Bachelor of Engineering (B.E), Electronics and Communication

2022 - 2025

Jain College Of Engineering, Belagavi

Percentage: 84.00%

### Diploma, Electronics and Communication

2019 - 2021

Shri Vasantao Potdar Polytechnic, Belagavi

Percentage: 86.00%

### Secondary (X), Karnataka Secondary Education Examination Board

2019

KLS Pre Primary And High School, Belagavi

Percentage: 77.76%

## TRAININGS / CERTIFICATIONS

### Full Stack Development Placement Guarantee Course

Sep 2024 - Jun 2025

Internshala Trainings, Virtual

- Designing Web Pages Using HTML And CSS
- Git And GitHub: Mastering Version Control
- Developing Interactive Websites With JavaScript
- Cracking The Code: Data Structures And Algorithms (DSA) In JavaScript - I
- Cracking The Code: Data Structures And Algorithms (DSA) In JavaScript - II
- Building Modern Web Applications Using React
- Mastering Node.js, Express.js And MongoDB
- Build Your Own Capstone Project

## PORTFOLIO

[GitHub link ↗](#)

[Portfolio link ↗](#)

## PROJECTS

Developed APIs with Node.js and Express.js for Shoppyglobe ↗

May 2025 - Jun 2025

- Engineered a backend for ShoppyGlobe using Node.js, Express.js, and MongoDB, building 7+ RESTful APIs for product listing, cart updates, user registration, and login.
- Implemented secure JWT-based authentication and session handling for 3 distinct user actions, enabling reliable data flow between frontend and backend.

ShoppyGlobe E-commerce Application ↗

Apr 2025 - May 2025

- Developed a responsive e-commerce frontend using React, React Router, and Redux, featuring product browsing, dynamic cart updates, and smooth page navigation.
- Optimized 6+ UI components with real-time API integration to improve user experience, responsiveness, and performance across devices.

SKILLS

- |                |                 |                           |
|----------------|-----------------|---------------------------|
| • HTML 5       | • CSS3          | • GitHub                  |
| • Tailwind CSS | • React         | • Node.js                 |
| • Express.js   | • MongoDB       | • Effective Communication |
| • JavaScript   | • Collaboration | • Leadership              |

EXTRA CURRICULAR ACTIVITIES

- Published a research paper titled "Decoding Minds: Estimation of Stress Level in Students using Machine Learning" in the Indian Journal of Science and Technology, under the Indian Society for Education and Environment (ISEE) on May 9, 2024.
- Led a 4-member team to develop an RFID-based Attendance System using ESP8266, integrating real-time data logging with Google Sheets; completed in Aug 2024 as part of academic project work.
- Attended a hands-on workshop on Robotic Process Automation organized by Eyesec Cyber Security Solutions Pvt. Ltd. in Sep 2022, gaining practical exposure to automation tools and workflow optimization techniques.
- Participated in the Ethical RISC-V IoT Workshop organized by IIIT-B and VLSI System Design in June 2024, gaining hands-on insights into secure embedded systems and open-source hardware.
- Presented a research paper at Techno Societal 2024, the 5th International Conference on Advanced Technologies for Societal Applications, organized by SVERI's College of Engineering in Dec 2024, showcasing innovations in student stress prediction using machine learning.

Developed YouTube-Inspired Platform ↗

Jun 2025

- Designed a YouTube-inspired frontend UI using React.js, simulating key user-facing features such as homepage layout, trending sections, video playback, and search results.
- Built 6+ responsive UI components with real-time behavior to mimic modern platform features. Enhanced performance, interactivity, and cross-device user experience

RFID based smart attendance system ↗

May 2024 - Jun 2024

- Developed a smart RFID-based attendance system using ESP8266 and Google Apps Script to log attendance data into Google Sheets in real time.
- Automated attendance for 30+ users, improving accuracy and reducing manual errors.