Rajesh Jadhav

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Education

SGGS Institute of Engineering and Technology, Nanded **2021 – 2025**
Bachelor of Technology in Information Technology *CGPA: 7.89*

Jai Balaji High School, Kannad **2020 – 2021**
Higher Secondary Education *Percentage: 90.67%*

Sane Guruji Vidyalaya, Kannad **2018 – 2019**
Secondary Education *Percentage: 85.60%*

Technical Skills

- **Languages:** C/C++, Core Java, Python, Javascript, HTML+CSS
- **Libraries:** C++ STL, Python Libraries, ReactJs
- **Web Dev Tools:** Nodejs, Git, Github
- **Frameworks:** Express.js
- **Cloud/Databases:** MongoDB, SQL
- **Machine Learning:** Supervised, Unsupervised, Reinforcement

PROJECTS

Real-Time Collaborative Code Editor | **React.js, Node.js, Express.js, Socket.IO** Nov 2024

Built a real-time collaborative code editor with React.js and CodeMirror, enabling syntax highlighting and live editing.
Developed backend with Node.js and Express.js to handle user sessions and real-time updates.
Used Socket.IO for low-latency synchronization across users.

StudyNotion [Ed-Tech Platform] | **Node.js, Express.js, MongoDB, React.js** Nov 2023

Developed backend APIs using Node.js, Express.js, and MongoDB to support platform functionalities.
Integrated frontend with React.js, providing a seamless user experience for creating and consuming educational content.
Implemented a rating system to enhance user engagement and content quality.

Uber Clone | **React.js, Node.js, Express.js, Socket.IO, Google Maps API** Nov 2024

Developed an Uber-like app with real-time ride booking, vehicle selection, and fare estimation using React.js.
Built a Node.js backend with authentication, ride creation, and distance calculations.
Integrated Google Maps API for tracking and address suggestions.
Implemented real-time ride updates with Socket.IO and JWT-based authentication.

Calorie Burn Prediction [Machine Learning] | **Python, Scikit-learn, Pandas** Oct 2023

Developed a machine learning model to predict calorie burn based on various physical activities.
Utilized Python libraries like Scikit-learn for model building and Pandas for data manipulation.
Achieved an accuracy of 85% in predictions using regression techniques.

Portfolio Website | **React.js**

Designed and developed a personal portfolio website to showcase my projects, skills, and achievements.
Created an interactive and responsive design using React.js
Implemented smooth animations and transitions for an enhanced user experience.

Experience

Research Internship ***[BITS Pilani Goa Campus (Remote, Flexible hours)]*** Dec 2024 – May 2025
[**Prof. Sampatrao Manjare***]*
– Working on predicting lignin dissolution in natural solvents using machine learning models.
– Collaborating on an interactive chatbot to assist with lignin dissolution predictions.

Tutor ***[Physics and Mathematics Teacher, Saraswati Coaching Institute, Kannad]*** Aug 2020 – Mar 2021
– Taught Physics and Mathematics to Class XI students in a fully sponsored classroom training program.
– Assisted senior faculties in setting question papers and organizing quizzes.

Trainings & Certifications

One Week Faculty Java Development Workshop Jun – Jul 2023
3 Months Certified Course On Web Full-stack Development in MERN Aug – Oct 2023
Basic German Language Course

Positions of Responsibility

Student Co-ordinator **2021 – 2022**
SGGS Institute of Engineering and Technology, Nanded

Member **2022 – 2023**
UTSAV'22 College Fest, Vatsalya Club *SGGS Institute of Engineering and Technology, Nanded*