

Chinmay A Rathod

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PROJECTS

- **JobCentral - Job Search Application — React-Native, Expo, JavaScript, Firebase** [GitHub](#)
 - Created a cross-platform job search application using React Native and Expo, aggregating job listings from various platforms.
 - Utilized Firebase for secure user authentication, real-time database management, and scalable job posting infrastructure.
 - Integrated JSearch API for real-time updates on job listings across multiple categories.
 - Developed an intuitive employer dashboard to facilitate job postings, listing management, and analytics tracking.
- **Energy iQ (Smart Plug) - Hardware,React-Native Application**
 - Designed a smart plug using ESP32, ZMPT101B, and ACS712 sensors to monitor voltage, current, and energy consumption of household and industrial devices.
 - Built a custom React Native mobile app connected to Firebase for real-time data visualization, historical usage tracking, and remote control via a relay module.
 - Enabled features like short-circuit detection, overload alerts, and remote switching for safer energy management.
 - Successfully patented the project and published a research paper, showcasing innovation in IoT solutions.

EXPERIENCE

Web Developer Intern - Eshway

Banglore,In

Feb 2024 - Mar 2024

- Developed the startup's official website using the MERN stack (MongoDB, Express.js, React.js, Node.js), ensuring dynamic functionality and seamless integration.
- Built and integrated RESTful APIs with Express.js, enabling smooth communication between the frontend and backend.
- Utilized React.js for interactive UI components and implemented responsive design with Tailwind CSS and Bootstrap to optimize user experience across devices.

AIML Intern - Systemtron

Pune,In

Dec 2023 – Jan 2024

- Developed machine learning models for Breast Cancer Detection, IPL Winning Team Prediction, and Car Price Prediction, applying data analysis and supervised learning techniques.
- Enhanced prediction accuracy through data preprocessing, feature engineering, and model optimization.

EDUCATION

Savitribai Phule Pune University

Electronics and Computer Engineering

CGPA - 8.4

Nov. 2021 – June 2025

Manoharao Naik Mahavidyalaya ,Gunj

HSC

87.30

June 2019 – June 2021

St Mary's English School, Pusad

SSC

84.80

May 2006 – June 2019

TECHNICAL SKILLS

Programming Languages: C++ , Python, JavaScript, HTML, CSS

Libraries and Tools: Numpy, OpenCV, Git, Github

Cloud Technologies: Google Cloud

Database: MongoDB,My SQL

EXTRACURRICULAR ACTIVITIES

- **Departmental Head** NSS PESMCOE July 2024 - May 2025
- **Principal Video Editor** IEEE Pune Section Dec 2023 - Feb 2025
- **Event Lead** ECESA Club Mar 2023 - July 2024