

# Chinmay A Rathod

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## PROJECTS

### • JobPortal - Job Search Application - MS.NET, React JS, AWS, JWT, MySQL [GitHub](#)

- Developed a full-stack Job Portal application using React JS and ASP.NET Web API, implementing role-based authentication, job posting, job search, and application tracking functionalities.
- Designed and implemented RESTful APIs using Entity Framework and MySQL to manage users, jobs, applications, and resume data efficiently.
- Integrated AI-based Resume Analysis and Skill Extraction using the Gemini API to analyze resumes and generate personalized job and skill recommendations.
- Deployed the application on AWS, ensuring secure, scalable, and reliable cloud infrastructure.

### • Energy iQ (Smart Plug) - Hardware,React-Native Application [GitHub](#)

- 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

### PG-DAC - CDAC ACTS Pune

Pune, In

Aug 2025 – Feb 2026

- Completed PG-DAC (CDAC) with hands-on training in Java, Web Development, and Database Technologies, building multiple academic and lab-based projects.
- Strengthened problem-solving and coding skills through real-world assignments involving Java, SQL, Servlets/JSP, and application design patterns.

### 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.

## EDUCATION

### Savitribai Phule Pune University

CGPA - 7.26

Electronics and Computer Engineering

Nov. 2021 – June 2025

### Manoharao Naik Mahavidyalaya ,Gunj

87.30

HSC

June 2019 – June 2021

### St Mary's English School, Pusad

84.80

SSC

May 2006 – June 2019

## TECHNICAL SKILLS

**Programming Languages & Framework:** C++, Java, Adv Java, JavaScript, MS.NET, React JS, Hibernate, Spring Boot, Entity Framework

**Libraries and Tools:** OpenCV, Git, Redux, Tailwind CSS, Bootstrap

**Cloud Technologies:** AWS(EC2), Docker, Firebase Hosting

**Database:** MongoDB, My SQL, Firebase

## EXTRACURRICULAR ACTIVITIES

- **Avishkar Project Competition** Advanced to the university level to present our project

- **Departmental Head NSS PESMCOE**

- **Principal Video Editor IEEE Pune Section**