

# AI-Powered Job Board (MERN Stack)

## Participants:

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## Introduction:

This project is a full-stack job recruitment platform designed to connect employers with job seekers. It features:

- A **recruiter dashboard** to post jobs and manage applications.
  - A **job seeker interface** to browse and apply for jobs.
- What sets it apart is **AI-powered CV analysis**, which helps employers assess candidates' skills, experience, and match scores for better hiring decisions.

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## Programming Languages Used:

- JavaScript (React.js, Node.js, Express.js) / Next.js

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## Tools/Software Used:

- **Frontend:** React.js, Tailwind CSS, Axios
- **Backend:** Node.js, Express.js, Multer
- **Database:** MongoDB with Mongoose
- **AI Integration:** TensorFlow.js or Flask/FastAPI (Python), GPT/Claude APIs
- **Authentication:** NextAuth.js or Clerk
- **Others:** Git, GitHub, Postman, GitHub Actions

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## Conclusion:

The AI-Powered Job Board offers a smart and scalable recruitment solution. With real-time job management, intelligent CV analysis, and personalized job matching, it enhances the hiring experience for both recruiters and job seekers.

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