

Smart Resume Builder – Internship Project Report

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▣ Project Overview

A fully functional AI-powered full-stack resume builder that improves resume summaries using GPT-3.5 (via OpenRouter), allows editing with a clean UI, and exports resumes as professional PDFs. This project showcases both AI integration and modern web development skills.

Key Features

-  AI Resume Summary Improvement using GPT-3.5
-  Real-time editing with form-based input
-  Export to PDF with print-optimized styling
-  Resume storage via Express API & MongoDB Atlas
-  Modern Tailwind CSS UI with responsive layout
-  Secure full-stack application structure

Tech Stack

Layer	Technologies Used
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Frontend	React.js (CRA), Tailwind CSS, Axios, react-to-print
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Backend	Node.js, Express.js (REST API)
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Database	MongoDB Atlas (Cloud)
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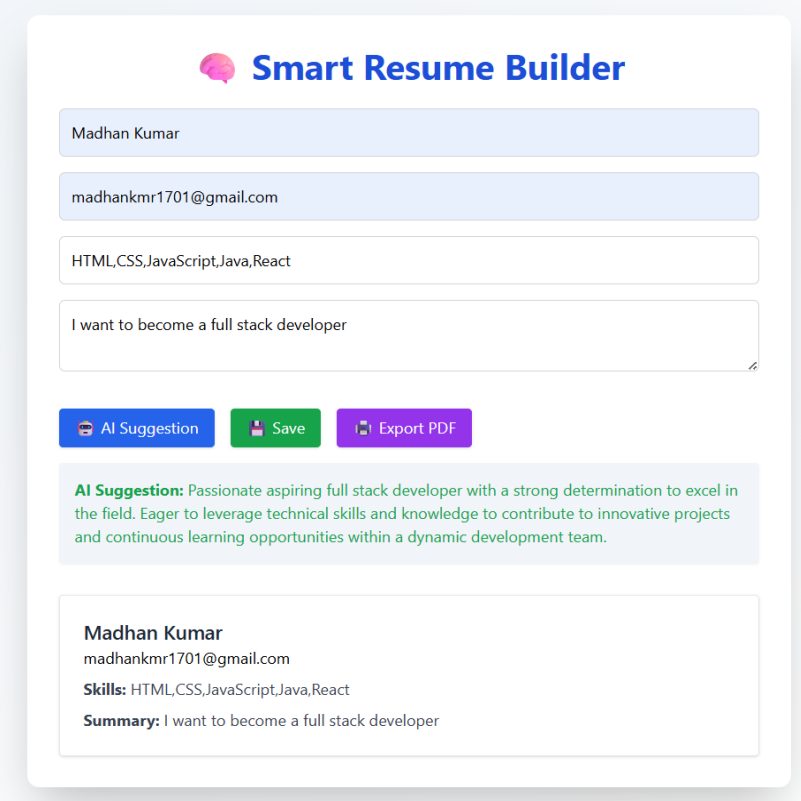
AI API	OpenRouter GPT-3.5
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Learning Outcomes

- Integrated AI with web applications using OpenRouter GPT-3.5
 - Learned REST API design and backend data handling
 - Gained real-world experience in React component development
 - Implemented PDF export features with print optimization
 - Practiced responsive design principles using Tailwind CSS
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Screenshots

Smart Resume Builder :



The screenshot displays the 'Smart Resume Builder' web application. At the top, the title 'Smart Resume Builder' is accompanied by a brain icon. Below the title, there are four input fields: the first contains 'Madhan Kumar', the second contains 'madhankmr1701@gmail.com', the third contains 'HTML,CSS,JavaScript,Java,React', and the fourth contains 'I want to become a full stack developer'. Below these fields are three buttons: 'AI Suggestion' (blue), 'Save' (green), and 'Export PDF' (purple). A light blue box below the buttons contains an 'AI Suggestion' paragraph. At the bottom, a white box displays the generated resume preview, which includes the user's name, email, skills, and summary.

Smart Resume Builder

Madhan Kumar

madhankmr1701@gmail.com

HTML,CSS,JavaScript,Java,React

I want to become a full stack developer

AI Suggestion: Passionate aspiring full stack developer with a strong determination to excel in the field. Eager to leverage technical skills and knowledge to contribute to innovative projects and continuous learning opportunities within a dynamic development team.

Madhan Kumar
madhankmr1701@gmail.com
Skills: HTML,CSS,JavaScript,Java,React
Summary: I want to become a full stack developer

GitHub Repository

 github.com/MadhanKumar1701

✓ Submitted by

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