RAJAT BAGADDEO

Reg No.: 20235063
Bachelor of Technology
Electrical Engineering
Motilal Nehru National Institute of Technology Allahabad, Prayagraj

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⌨ WEBDEV-Rajat
in Rajat Bagaddeo

EDUCATION

•**Motilal Nehru National Institute of Technology Allahabad**   *2023 - Present*
B.Tech Electrical Engineering   CPI : 7.86 till 4th sem

•**FIITJEE Junior College, Hyderabad**   *2020 - 2022*
Board of Intermediate Education, Telangana   Percentage: 95.1

•**Slate The School**   *2011 - 2020*
Board of Secondary Education, Telangana   Percentage: 100

PERSONAL PROJECTS

•**ExpenseGuru** ⌨   *Nov 2024 - Dec 2024*
Smart Money Management Made Simple

 – **Tools & technologies used:** React.js, Tailwind CSS, MongoDB, Node.js, Express.js, Redux Toolkit, JWT, Bcrypt
 – Enabled users to **add, remove, and edit transactions** with chronological sorting for accurate financial tracking.
 – Implemented **dynamic visualizations** to analyze income and expenses across custom categories.
 – Built smart **budget planning tools** based on users' shopping patterns and spending history.
 – Designed modules to **manage income and expense categories** with flexibility and ease.
 – Added features for **graphical analysis of historical data**, allowing monthly and yearly financial comparisons.

•**Chatty** ⌨   *June 2025*
Seamless Real-Time Connectivity

 – **Tools & technologies used:** React.js, Tailwind CSS, Zustand, MongoDB, Node.js, Express.js, Cloudinary, Socket.IO, JWT, Bcrypt
 – Built a real-time messaging system with **instant chat updates**, ensuring smooth and responsive communication.
 – Developed features to **personalize the chat experience**, including themes and color customization.
 – Implemented a user-friendly system to **edit and manage profiles**, enhancing usability and retention.
 – Integrated presence detection to **show online status** and filter active users efficiently.
 – Designed an **intuitive and visually engaging interface** following modern UI/UX practices.

•**Morphio** ⌨   *Oct 2025*
Smart File Editing and Conversion Tool

 – **Tools & technologies used:** Electron.js, Node.js, React.js, Tailwind CSS, Sharp, Ghostscript, QPDF
 – Developed an all-in-one **desktop utility app** for seamless file conversion, editing, and compression.
 – Built modules for **file conversion** between Word to PDF, PPT to PDF, and Images to PDF.
 – Added an **in-app file editor** to annotate, erase, or draw shapes on PDFs and documents.
 – Integrated **PDF compression** (Ghostscript) and **encryption/password protection** (QPDF) utilities.
 – Implemented **image processing tools** for conversion via Sharp.
 – Designed a **modern React-based UI** with floating icons, smooth animations, and progress tracking.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++
Developer Tools: Git, Github, VS Code, Postman
Frameworks and Libraries: React.js, Express.js, Node.js, Tailwind CSS, Redux Toolkit, Zustand
Cloud/Databases: MongoDB
Soft Skills: Communication Skills, Leadership Skills, Time Management
Areas of Interest : Data Structures and Algorithms, Object-Oriented Programming, Web Development, Operating Systems, Database Management Systems, Computer Networks

CERTIFICATIONS

 • Summer Training WEBDEV Enigma, IIT Madras   *Oct 2024*
   View

CODING PROFILES

• **LeetCode Profile :** `omkarrajat04`

• **Codeforces Profile :** `omkarrajat04`