MEHUL CHAUHAN

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Meerut, Uttar Pradesh - 250004, India

CAREER OBJECTIVE

Full Stack Developer skilled in React, Flask, and scalable cloud deployment. Passionate about delivering impactful web experiences and AI-driven solutions

ACADEMIC RECORDS

- **College of Engineering Roorkee**   *08 2020 - 06 2024*
  Undergraduate   Roorkee, India
  ◦ GPA: 7.5/10.00

EXPERIENCE

- **Aaloo.ai**   *4 Months*
  Full Stack Developer   Meerut, India
  ◦ Built a **scalable API system** using **Flask** and **React**, streamlining data ingestion and processing.
  ◦ Developed a **data transformation pipeline** to clean and structure incoming data automatically.
  ◦ Integrated **NLTK-based sentiment analysis**, improving insight quality by 30%.
  ◦ Authored **Swagger API docs**, reducing onboarding time by 40%.
  ◦ Deployed on **AWS (EC2, RDS)** for scalability and availability.
  ◦ Designed a **React admin panel** for real-time monitoring.

- **Cloth2Life**   *2 Months*
  Full Stack Developer   Meerut, India
  ◦ Created a **responsive image gallery** using **masonry-react** and CMS using **Strapi**.
  ◦ Automated post scheduling via **Instagram Graph API**.
  ◦ Integrated a blog system and resolved multiple **front-end bugs** for better UX/UI.

- **Aero Armour**   *3 Months*
  Software Developer   Roorkee, India
  ◦ Built **5+ custom Shopify themes**, enhancing store UI/UX.
  ◦ Implemented features with JavaScript, HTML, CSS; improved engagement by 15%.
  ◦ Integrated **Shopify GraphQL/REST APIs** and resolved 30+ issues using Jest Mocha.

PROJECTS

- **AI-Powered Music Recommendation System**   *3 Months*
  Tools:Next.js, Flask, Python, TensorFlow, MongoDB, OAuth 2.0, Web Audio API, AWS, EC2,Vercel
  ◦ Built an AI-based platform suggesting music via **mood and listening patterns**.
  ◦ Used **TensorFlow** for dynamic recommendations and **OAuth 2.0 + JWT** for secure login.
  ◦ Integrated **Web Audio API** for smooth playback and visualizations.

- **MindEase - AI Mental Health Companion**   *4 Months*
  Tools: React Native,ReactJs ,FLASK, RDS, NLP, Pands. Seaborn, Keras,EC2, Coolify
  ◦ Built an AI-powered mental wellness chatbot with **NLP-based support** and **mood logging**.
  ◦ Used **OpenAI API** for personalized advice and **Chart.js** for visual insights.
  ◦ Included streaks and gamification to boost consistency.

- **FitBuddy - Intelligent Workout Tracker**   *2 Months*
  Tools: NextJS, Node.js, GraphQL, Apollo , RDS,EC2
  ◦ Developed an AI-based workout tracker with **smart recommendations** and **progress tracking**.
  ◦ Used **JWT** for authentication and **TensorFlow.js** for performance adaptation.
  ◦ Responsive UI using React hooks and RESTful Node.js API.

TECHNICAL SKILLS

Languages: JavaScript, Python, C++, Java
Frameworks: React, Next.js, Node.js, Flask, Express,FastAPI,Apollo
Databases: MongoDB, MySQL, PostgreSQL
Tools & Platforms: Git, AWS, Docker, Swagger, Figma