ANKIT BISEN

• ankitbisen751@gmail.com • 8085717056 • Linkedin • Github • Portfolio

SUMMARY

Innovative software engineer specializing in Python, React.js, and modern web technologies. Skilled in designing and implementing scalable, solution-driven architectures to solve complex problems. Adept at collaborating with cross-functional teams to deliver high-quality software products that enhance performance and user experience.

SKILLS

Languages: C++, Javascript, Python.

Frontend: ReactJS, Redux,NextJS, TailwindCSS.

Backend: NodeJS, ExpressJS, RESTAPI.

Database: SQL, MongoDB.

Libraries: Scikit-Learn , Redux-Toolkit.

PROFESSIONAL EXPERIENCE

KPIT TECHNOLOGIES   **Bengaluru, Karnataka**

Associate Engineer   **2024 - Present**

- Developed Python automation scripts to streamline data processing workflows and improve team productivity.
- Performed fusion data analysis on automotive sensor inputs for Honda autonomous systems, generating actionable insights to enhance system performance and safety.
- Monitored and optimized task execution, identifying bottlenecks and implementing solutions across a cross-functional team to mitigate operational challenges.

EDUCATION

SAMRAT ASHOK TECHNOLOGICAL INSTITUTE   **Vidisha, MP**

Bachelor of Technology, Electronics & Communication Engineering   **2019-2023**

                                                                                      (CGPA-8.41)

PROJECTS

MACHINE LEARNING MODELS   **Github Preview**

- Developed ML models (Linear Regression, XGBoost, Decision Tree) to predict health insurance premiums and Credit Risk Score.
- Trained and evaluated multiple models to identify the best-performing solution.
- Performed Exploratory Data Analysis (EDA) and data cleaning to ensure model accuracy

Ecommerce   **Github**

- Developed a dynamic e-commerce web application using React.js on the frontend and Node.js on the backend, enabling smooth and interactive user experiences.
- Utilized Redux Toolkit for efficient and centralized state management across the app.
- Designed the backend following MVC architecture with RESTful APIs, ensuring scalability, modularity, and maintainability.
- Implemented JWT-based authentication to secure user accounts and protect sensitive data.

NPM Package   **Preview**

- Developed a CLI and npm package to automatically delete or comment console statements in JS/TS projects.
- Leveraged Babel AST parsing for accurate and safe transformation of console logs, preserving code structure.
- Built dual modes: delete for removing and comment for temporarily disabling console statements.Supported React, Next.js, Node.js, and TypeScript projects with both CLI and programmatic usage.

CERTIFICATIONS

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- **DATABASE MANAGEMENT SYSTEM (NPTEL)**
- **WEB DEVELOPER INTERN (EXPOSYS DATA LABS)**