

# PRAKHAR SAXENA

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Kanpur, UP

## PROFILE SUMMARY

Aspiring Software Engineer with a strong foundation in full-stack web development, specializing in the MERN stack. Passionate about building scalable, efficient, and user-centric applications, and driven by the vision seamless AI integration. Currently seeking full-time opportunities to contribute and grow in a dynamic tech environment.

## EDUCATION

**Babu Banarasi Das Institute of Technology and Management**

2021 - 2025

*B.Tech - Computer Science and Engineering*

**CGPA: 7.2**

Lucknow, Uttar Pradesh

## SKILLS

**Languages:** C++, JavaScript, Python3, HTML5, CSS3  
**Frameworks and Libraries:** React.js, Express.js, Node.js, Tailwind CSS, Redux  
**Backend:** MongoDB, MySQL, RESTful APIs, OAuth, JWT Authentication  
**Tools and Platforms:** Git, GitHub, Postman, Google Cloud, Vercel, Render, Hostinger

## PROJECTS

**RiskEval - A Credit Risk Model Platform**

Jan 2025 - May 2025

*HTML, CSS, JavaScript, React.js, Vite, Node.js, Express.js, Python, FastAPI, Machine Learning, XGBoost*

- Developed **RiskEval** — a **full-stack credit risk evaluation platform** using **MERN stack (MongoDB, Express.js, React with Vite, Node.js)** integrated with a **FastAPI-based ML model** for real-time **loan default prediction**.
- Designed **dual user interfaces**: one for **customers** to check their **loan risk level** and receive **personalized insights**, and another for **bank associates**, featuring a **local app** to **bulk process Excel data**, **prioritize safe lending decisions** and support **secure login** with **personalized dashboards**.
- Integrated **FastAPI-powered machine learning service** with the **Node.js backend** to process uploaded **Excel files**, execute **XGBoost-based credit risk predictions**, and return **real-time results** with **explainable insights**.
- Deployed the application delivering a **scalable, production-ready, ML-powered decision support tool** for **financial institutions**.

**CryptoTracker**

Aug 2024 - Dec 2024

*React.js, Tailwind CSS, Express.js, MongoDB, Coin Gecko API, JavaScript, Vercel*

- Engineered a **cryptocurrency tracking platform**, integrating **real-time market data** from the Coin Gecko API.
- Designed and implemented an **intuitive user interface**, optimizing engagement and accessibility.
- Enhanced user experience through **interactive features** that provide insights into cryptocurrency trends.

## CERTIFICATIONS

**Google Cloud Career Practitioner Program** – Google Cloud

[\(View here\)](#)

- Mastered **cloud computing concepts** through hands-on labs and structured learning modules.

**Postman API Fundamental Student Expert** – Postman

[\(View here\)](#)

- Earned recognition for expertise in **API development and testing** on the Postman platform.

## EXTRA-CURRICULAR ACTIVITIES

- Spearheaded** a project during **Smart India Hackathon (SIH 1682)** with team PricePoint Solutions, developing a **centralized automated solution for price estimation and reasonability**.
- Competed in Flipkart GRiD – Software Development Track**, showcasing technical problem-solving abilities.
- Presented a visually impactful poster on Sustainable Development** during the World Earth Day Poster Making Competition, organized by **IEEE BBDITM**.