Md. Kamran Alam

✉ work.mdkamranalam@gmail.com | ☏ +91-8789290747
GitHub | LinkedIn

Summary

Computer Science undergraduate with strong experience in full-stack web development and AI-driven applications. Built end-to-end systems using React, Node.js, Spring Boot, and Python, including compliance automation and NLP-based analytics tools. Actively seeking software engineering or AI/ML internship opportunities.

Skills

- **Languages:** JavaScript, Python, Java, C, C++
- **Frontend:** HTML, CSS, ReactJS, NextJS
- **Backend:** Node.js, REST APIs
- **Database:** MySQL, MongoDB, PostgreSQL
- **AI & ML:** TensorFlow, PyTorch, Scikit-learn, NLP
- **Version Control:** Git, GitHub
- **DevOps & Tools:** Git, GitHub, Docker, Linux

Education

BITS Pilani
B.Sc. in Computer Science | Jul 2023 – Present

Projects

- **AI Healthcare Assistant Chatbot**
  - Built an AI-powered healthcare chatbot using NLP models to provide symptom-based guidance and preventive care suggestions.
  - Fine-tuned domain-specific language models to improve response accuracy and relevance.
  - Designed modular backend APIs to support symptom analysis and user interactions.
- **FinCompliance-AI**
  - Developed an AI-driven RegTech platform to detect and report suspicious financial transactions in compliance with RBI and PMLA regulations.
  - Implemented hybrid risk scoring using rules-based logic and ML models.
  - Automated generation of FIU-IND compliant STR reports in XML with narrative summaries.
  - Deployed live application with real-time transaction simulation and monitoring.
- **PitchLens-AI**
  - Created a full-stack web application to analyze startup pitch decks using AI.
  - Extracted structured insights from PDFs (team, market, traction) using NLP techniques.
  - Generated SWOT analysis and investment risk summaries for decision support.

Experience & Hackathons

- Participated in multiple hackathons focused on AI-driven and full-stack solutions.
- Built production-ready prototypes under time constraints using React, Node.js, and Python.

Certificates & Achievements

- **Google Cybersecurity Certificate (**Coursera**):** Understand the importance of cybersecurity practices and their impact for organizations. Identify common risks, threats, and vulnerabilities, as well as techniques to mitigate them.