Khushi Chourasia

✉ khushichourasia23@gmail.com
+91-8637036946
LinkedIn Profile| GitHub Profile
LeetCode Profile | 130+ Problems solved

EDUCATION

- **CMR University, Bangalore** 2021-25
  Bachelor of Technology in Computer Science and Engineering (CSE) 8.74

- **Delhi Public School, Siliguri** 2021
  Central Board of Secondary Education 87

PROJECTS

- **Employee Data Management System**
  – Built a Spring Boot-based system with CRUD operations, a manager dashboard, and database integration, deployed on localhost:8080 via Apache Tomcat, ensuring efficient employee management for 100+ records.

- **Predicting Health Impacts of Water Quality**
  – A Random Forest model designed to predict long-term health hazards from contaminated water by analyzing physical, chemical and biological contaminants, achieving a recall of 99% and an accuracy of 100%.

- **Event Ticketing Platform**
  – Developed a highly secure event booking platform, achieving 99% data encryption accuracy, with seamless user experience across devices and robust fraud protection through tokenization and third-party payment integration.

- **BookDepot: Astrology Bookstore**
  – Created a user-friendly website for Tontadarya Book Depot in Gadag, Karnataka, improving user engagement with a 30% increase in site traffic and seamless payment integration for purchasing astrology books.

- **IoT-Enabled Air Quality Monitoring System**
  – Developed a real-time air quality monitoring system using IoT sensors, providing accurate pollutant data with 95% accuracy and a system response time of under 5 seconds for environmental analysis.

- **EcoTrade: Mobile Purchases & Trade-Ins**
  – A web platform that enables users to trade in electronics, books, and clothes for mobile devices or cash, promoting sustainability through eco-friendly trade-ins and offering secure mobile purchases with personalized recommendations.

INTERNSHIPS

- **Prodigy InfoTech** Feb 2024 – Mar 2024

  Web Developer Intern
  – Developed web applications using HTML, CSS, and JavaScript, improving page load time by 30% and engagement.
  – Collaborated with a 5-member team to create responsive designs, increasing mobile traffic by 25% for clients.
  – Designed and implemented interactive web features, enhancing user engagement and increasing session duration by 20%

- **1stop.ai** Jul 2023 – Aug 2023

  Data Analyst Intern
  – Achieved 100% accuracy in fraud detection using KNN, correctly identifying 85,443 fraudulent transactions with minimal errors.
  – Conducted exploratory data analysis (EDA) on 250,000+ transactions, identifying patterns and improving predictive accuracy in fraud detection models.
  – Cleaned and preprocessed large datasets, handling missing values and outliers to improve model accuracy and reliability.

TECHNICAL SKILLS

Languages: C/C++, Python, Java, HTML+CSS, JavaScript, REST
Tools: VSCode, GitHub, ThingSpeak, Springboot, Eclipse IDE
Databases: MySQL, MongoDB
Soft Skills: Teamwork, Problem Solving, Communication, Adaptability, Critical Thinking.

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals, 2023
- IBM: Getting Started with Front-End and Web Development, 2024
- SYSTEM TRON: Python-Programming course, 2024
- LinkedIn Learning: Learning Cloud Computing: Core Concepts, 2024