

Fardeen Akmal

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About Me

Third-year Computer Science student (IoT, CS & BCT) at the University of Mumbai with hands-on experience in full-stack web development, cybersecurity tooling, and data analytics. Certified in Generative AI and Cloud Infrastructure (Oracle) and Data Analytics (Deloitte Australia), and actively seeking an internship to deliver impactful engineering solutions.

Education

University of Mumbai

Bachelor of Engineering in Computer Science – IoT, CS & BCT

Mumbai, India
Aug 2023 – May 2027

Projects

Cyber Attack Visualizer Live Demo

2025

- *Tech Stack:* React, Node.js, Express.js, SQLite, TailwindCSS, Framer Motion
- Developed a real-time cybersecurity intelligence dashboard integrating four threat-intelligence APIs – AbuseIPDB, VirusTotal, LeakData, and NumVerify – to detect malicious IPs, compromised emails, and suspicious URLs.
- Engineered an offline scanning module using SQLite for local Aadhaar and PAN exposure detection, with a dynamic API/local-database toggle to support air-gapped environments.
- Delivered a polished, animated frontend using React and Framer Motion, underpinned by a modular Node.js and Express.js REST API architecture.

Plagiarism Detector

2024

- *Tech Stack:* Python, Flask, HTML, CSS, JavaScript
- Designed and implemented a full-stack plagiarism detection platform utilising Jaccard similarity and tokenisation algorithms to quantify textual overlap between submitted documents.
- Built an intuitive browser-based interface that accepts plain-text and file uploads, returning colour-coded similarity reports for clear, actionable insights.
- Independently delivered the complete solution – Python and Flask backend integrated with a responsive HTML/CSS/JavaScript frontend – as part of the Second Year B.E. curriculum.

Technical Skills

Languages & Web: C, Python, Java, JavaScript, HTML5, CSS3, React.js, Next.js, Node.js

Backend & Databases: Express.js, Flask, MySQL, SQLite, RESTful API Design

Data & Analytics: Data Analysis, Data Modelling, Tableau, Microsoft Excel, Generative AI

Cloud & Tools: Oracle Cloud Infrastructure, Git, GitHub, Vercel

Certifications

OCI 2025 Certified Generative AI Professional — Oracle

Cloud Infrastructure Associate (Foundation) — Oracle

AI Foundation — Oracle

Data Analytics Job Simulation — Deloitte Australia

Web Development Fundamentals — IBM

Foundation Course on Green Skills and Artificial Intelligence — Skill4Future / EduNet & Shell