Brijesh T A

ABOUT ME
B.Tech student specializing in Data Science, with hands-on experience in machine learning and full stack development projects. I am eager to learn new technologies, adapt to different situations, and work effectively in a team with the passion for building scalable and data-driven solutions.

EDUCATION
Vellore Institute of Technology, Chennai, India   2023 - present
B.Tech in Computer Science and Engineering (Data Science)
CGPA: 8.73 (4 semesters)

Velammal Vidyalaya, Chennai, India   2021 – 2023
Higher Secondary Education (CBSE)

Vidhya Peetham, Salem, India   2016 – 2021
Secondary Education (CBSE)

CERTIFICATIONS AND ACHIEVEMENTS
- Completed "Cybersecurity Analyst" Professional Certificate by IBM
- Winner of National Level Hackathon "Dataset 2024" among 50+teams.
- Secured Internship opportunity as part of the competition.

PROJECTS
Fault Rate Detection- The machine learning project detects device faults based on system performance metrics — even with limited and noisy data. It simulates real-world imperfections in IoT sensor data, demonstrating the robustness of ML models under realistic conditions with data scarcity.

Restaurant Website- Developed a responsive restaurant website using HTML, CSS, and JavaScript. Integrated features for online spice purchases, order billing, and customer feedback submission, providing an interactive and user-friendly experience.

Password Sniffing Simulation over Insecure Protocols- Simulated password sniffing on HTTP and FTP using Wireshark and Python to highlight credential vulnerabilities and emphasize the importance of secure protocols like HTTPS and SFTP.

SKILLS
Programming Languages: Python, C/C++, Java, SQL, R
Web & App Development: HTML, CSS, JavaScript, React.js, Node.js
Database Management: MySQL, MongoDB
Data Science / ML: NumPy, Pandas, Matplotlib, Seaborn, TensorFlow, PyTorch, NLTK, SpaCy

Languages
English
German (basic)