SAJANDEEP CHEEMA

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TECHNICAL SKILLS

- **Programming Languages:** Python, Java, C, JavaScript, TypeScript, PHP
- **Web Development:** HTML5, CSS3, React, Node.js, Express, Django, Flask, REST APIs
- **Machine Learning & AI:** TensorFlow, PyTorch
- **Data Analysis & Visualization:** Pandas, NumPy, Regex, Matplotlib, Plotly
- **Databases & Storage:** MySQL, PostgreSQL, Firebase
- **DevOps & Deployment:** Git, Docker, Kubernetes, Firebase Hosting, Heroku, Agile Methodology

EXPERIENCE & PROJECTS

AI Cyber Threat Detector Logs | Personal Project

System log analysis & threat detection app   Flask | Pandas | Regex | REST APIs | Matplotlib | AWS | TensorFlow | PyTorch

- Developed a Flask web app with REST API endpoints to parse, analyze system logs, and generate structured threat summaries using pandas and regex.
- Implemented AI-driven models in TensorFlow and PyTorch to classify anomalous behaviors and predict security incidents.
- Visualized threat trends with Matplotlib and deployed the application via CI/CD on Heroku.
- Gained expertise in log parsing, backend development, data analysis, and cybersecurity fundamentals.

Netflix Clone App | Personal Project

Netflix-like video browsing application   React | Vite | HTML | CSS | JavaScript | TMDB API | Firebase

- Built a Netflix Clone App using React and Vite, leveraging the TMDB API to display movie listings and embed video previews.
- Implemented Firebase for user authentication, enabling secure login and sign-up functionality.

Weather App | Personal Project

Weather search web application   React | HTML | CSS | JavaScript | OpenWeatherMap API

- Developed a responsive React-based web app allowing users to search for and display weather data for any location.
- Integrated the OpenWeatherMap API to fetch and render real-time weather information with fast, seamless updates.

CERTIFICATIONS

IBM Full Stack Software Developer

- Completed a 12-course certification program on Coursera covering Front-end and Back-end development: HTML, CSS, JavaScript, React, Python, Node.js, Express, Docker, Kubernetes, SQL, and best practices for scalable web applications.

EDUCATION

Rutgers University–New Brunswick – B.S. Computer Science   2022 – Present

- **Relevant Coursework:** Intro to Computer Science; Data Structures; Computer Architecture; Discrete I; Discrete II; Principles of Information & Data Management; Design & Analysis of Computer Algorithms; Software Methodology; Data Management for Data Science