

Prithwinraj R M

AI — Cloud Solutions — Networking — Analytics — Real-World Applications

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OBJECTIVE

Passionate about **network security**, **cloud computing**, and **IoT**, with hands-on experience in **Azure**, **Active Directory**, **Linux**, and **CyberArk**. Skilled in **LLMs**, **machine learning**, **NLP**, and **data analytics**, with projects leveraging **GPT-4**, **BERT**, and **time-series models**. Proficient in **networking**, **DevOps**, **customer handling**, and **project management**, with a strong foundation in **software development** and **cloud security**. A fast learner, eager to innovate and apply cutting-edge technologies to build scalable and secure systems.

EXPERIENCE

Network Engineer Intern

May 2024 – July 2024

GREENWARE TECHNOLOGIES - Data Scouts & Guards

Remote – UAE, Trichy

- Gained hands-on experience in **AD & server Management**, **PAM solutions**, **project management**, **customer handling**, **networking (Windows Server 19 and firewall)**, **CyberArk**, and **RedHat**.
- Managed and executed onsite projects, collaborated with diverse teams, and improved problem-solving skills.

TECHNICAL SKILLS

Languages & Databases: Python, C/C++, LaTeX, MySQL

Machine Learning & NLP: TensorFlow, PyTorch, Hugging Face Transformers, OpenAI API, Scikit-learn, Pandas, NumPy, Facebook Prophet, LSTM, TextBlob, VADER (NLTK)

Visualization & Deployment: Streamlit, Plotly, Streamlit Cloud, Hugging Face, Render

Tools & Technologies: Power BI, Tableau, HTML5, CSS, Node.js, React.js

Version Control & DevOps: Git, GitHub, Docker, Azure, Virtual Machines, Linux, Postman, API development

Azure Services: Azure IoT Hub, Device Provisioning Service, Stream Analytics, Azure Storage, Databricks, Azure Web Services, Azure Server Hosting, Bastion, Azure Firewall & DNAT Config, IaaS, PaaS, SaaS, Azure PowerShell

Software (Implemented in Real-time): CyberArk (PAM Solution), Adobe Premiere Pro (Editing)

EDUCATION

Bachelors of Technology in Computer Science Engineering (IoT)

2022 – 2026

Shiv Nadar University, Chennai

CGPA: 7.9/10 (current)

Senior Secondary (12th Grade)

2020 – 2021

DAV Public School, Chennai

Percentage: 80%

Secondary (10th Grade)

2018 – 2019

DAV Public School, Chennai

Percentage: 92%

PROJECTS

Spotify Business Insights with LLM

2025 - ongoing

- Leveraging **LLMs (GPT-4, BERT)** and **ML models (Facebook Prophet, LSTM)** to analyze Spotify data for music trend predictions. Utilizing **Spotipy**, **Pandas**, **VADER** for sentiment analysis and **Streamlit**, **Plotly** for interactive visualizations.

Credit Card Fraud Detection

2025 - ongoing

- Guided under the mentorship from **Worldline** (Financial services company) - creating own ML model to flag the fraud card and interrupt the transaction in the middle where the communication is done with MQTT protocol.

Anniversary Website

2025

- Designed and developed a full-fledged front-end website for a 1st-year anniversary event using **React.js** for the UI and **Node.js** for the backend. The website featured interactive elements, event details, and a dynamic RSVP system.

End-to-End IoT Solution for High-Velocity Smart Meter Data Analysis in Azure

2024

- Developed a lambda architecture to process high-velocity smart meter data in real-time using **Azure IoT Hub**, **DPS**, and **Stream Analytics**. Implemented long-term data storage with **Azure Storage** and advanced analytics through **Azure Databricks**, enabling insights and visualization for data-driven decision-making.

Build a Computer Vision App with Azure Cognitive Services

2024

- Created a computer vision application using **Azure Cognitive Services** to analyze images and extract meaningful insights. Utilized API variations to optimize performance and integrated the model into a scalable web application.

CERTIFICATIONS AND ACHIEVEMENTS

Cisco Certified Network Associate (CCNA) – Pursuing (2025)

Azure Fundamentals (AZ-900) – Pursuing (2025)

Build a Computer Vision App with Azure Cognitive Services – Microsoft, Coursera (Oct 2024)
Verified Credential: <https://coursera.org/verify/JHQWA1137C29>

Udemy - Red Hat Certified System Administrator (RHCSA) – Pursuing (2024)

International Astronomical Search Collaboration (Asteroid Discovery) – Certificate of Recognition

EXTRACURRICULAR ACTIVITIES

Mixed Martial Arts (MMA) (2025 - Current) – Pursuing fitness through MMA for discipline, mental strength, and overall well-being.