SONEEYA S S

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Professional Summary

Aspiring DevOps Engineer with a strong foundation in cloud computing, networking, and infrastructure automation. Completed a remote internship at Elevate Labs, where I collaborated on projects focused on DevOps practices, cloud infrastructure, and automation workflows. Proficient in managing cloud resources on AWS, scripting with Python, and administering Linux-based systems. CCNA certified with a solid understanding of networking concepts and protocols. Passionate about leveraging DevOps methodologies to drive operational efficiency, ensure system reliability, and support scalable deployments in cloud-native environments.

Education

Bannari Amman Institute Of Technology   **2021 – 2025**
Bachelor of Technology in Information Technology , CGPA - 7.91   *Erode, Tamil Nadu*

SPK Matric Higher Secondary School   **2021**
HSC II Year , Percentage - 86.6   *Namakkal, Tamil Nadu*

SPK Matric Higher Secondary School   **2019**
SSLC , Percentage - 85.6   *Namakkal, Tamil Nadu*

Coursework At Besant Technologies , Marathahalli

- CCNA Networking
- Linux
- AWS
- DevOps
- Python
- Shell Scripting

Employment

Elevate Labs / *DevOps Intern , Bangalore*   **April 2025 - Present**
- Collaborated with the DevOps team to gain hands-on experience in automation, cloud infrastructure, and CI/CD practices.
- Supported project workflows by learning and applying industry-standard DevOps tools and methodologies.
- Demonstrated proactive learning and commitment, contributing to team goals and process improvements in a remote work setting.

Projects

Email / SMS Spam Detection | *Python, Scikit-Learn, NLP, TensorFlow*
- Developed a machine learning model using Python to accurately classify messages as spam or legitimate.
- Implemented Natural Language Processing (NLP) techniques to pre-process text data and extract relevant features.
- Utilized Scikit-Learn and TensorFlow to train and optimize classification models, including Naive Bayes and deep learning approaches.
- Deployed the model using a cloud-based API, allowing real-time spam detection for emails and SMS messages.

Intrusion Detection of Imbalanced Network Traffic Using ML and DL / *MatLab , Java*
- Developed a machine learning and deep learning-based system to detect network intrusions in imbalanced traffic data.
- Utilized Scikit-Learn for data preprocessing, feature engineering, and handling imbalanced datasets using techniques such as SMOTE.
- Implemented deep learning models using TensorFlow and Keras to classify network anomalies with high accuracy.
- Employed Pandas and NumPy for efficient data manipulation and analysis to extract meaningful insights from large-scale network traffic logs.

Student TC Management and Distribution Portal / *React.js, Firebase Cloud Functions, Javascript XML*
- Developed a React.js based portal for managing and distributing Transfer Certificates (TC) with a seamless UI using javascript XML (JSX).
- Implemented cryto.js for secure document encryption and j.pdf for efficient PDF conversion.
- Utilized Firebase for database storage and Firebase Cloud Functions for backend automation.
- Integrated Pandas for tabular data handling and Nodemailer for automated email notifications.

Financial Indicator Using Python | *Python, AWS EC2, ML, Scikit-learn, Alpaca API*
- Developed an trading indicator using python to automate buy and sell signals using RSI, MACD and Bollinger Bands.
- Deployed on a live server via Alpaca API, utilizing Pandas and NumPy, Utilized AWS EC2 instances to ensure effective operation in live environment and applied Machine Learning algorithms from Scikit-learn to backtest the trading strategy.
- This model achieved 80% accuracy and provided valuable insights.

Technical Skills

- ➢ **Languages**: Shell Scripting, Python, C, HTML/CSS.
- ➢ **Developer Tools**: AWS, VS Code, GitHub.
- ➢ **Technologies/Frameworks**: Linux, Jenkins, Ansible, Maven, Docker, Kubernetes, Terraform, Grafana, Prometheus.
- ➢ *Database : SQL − MySQL.*

Certifications & Publications

SQL Internship Training Certification | *Edify Techno Solutions − Chennai*

Cascading Style Sheets (CSS3) Certification | *Infosys Springboard − Online*

Python Part − 1,2,3 | *Infosys Springboard − Online*

Cloud Computing Certification | *Besant Technologies − Bangalore*

Leveraging Artificial Intelligence for Dynamic Workload Management in Edge and Cloud Environments (IJRTI).

Efficient Resource Scheduling in Cloud-Based Healthcare Systems (IJRTI)

Leadership / Extracurricular

Basketball

- Selected as an SGFI player by the School Games Federation of India.

Football

- Represented and played for Anna University Women's Football Team as a main player − Anna University, Guindy, Chennai.