VIGNESH K

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Goal-oriented BCA graduate with a deep interest in both frontend and backend technologies. I'm keen to apply and deepen my skills in artificial intelligence. Eager to work on diverse and challenging projects, I aim to contribute effectively while continuously learning and growing in the field of technology.

SKILLS

Technical Skills: Python, Java, Node.js, HTML, CSS, JavaScript, Django, Flask, Spring Boot, MySQL, PostgreSQL, MongoDB, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Git, GitHub, Postman, REST API, JSON, Jupyter Notebook, AWS Services.

Soft Skills: Effective communication, critical thinking, analytical problem-solving, quick adaptability, efficient time management

EXPERIENCE

Cloud Engineer Intern - *CogniMinds, Bangalore*   *02/2025 - 04/2025*

- Worked with 10+ AWS services, including EC2, S3, RDS, VPC, and IAM during a cloud engineering internship.
- Built a full-stack Attendance Management System for 10+ users with integrated frontend, backend, and database.
- Accelerated server uptime by 25% by implementing autoscaling and monitoring strategies for high-traffic handling.

Data Science with Python Intern - *Smarted Innovations, Bangalore*   *04/2024 - 06/2024*

- Built 2+ AI projects using Python, improving coding efficiency by 40% through hands-on development.
- Designed a content-based Movie Recommendation System using the TMDB dataset and cosine similarity.
- Created a real-time language translation tool supporting 2+ languages for dynamic communication.

PROJECTS

Spam Detection System
- Launched a spam classifier using NLP, applying Bag of Words and TF-IDF for feature extraction.
- Trained models including Naive Bayes, SVM, and Logistic Regression for text classification.
- Evaluated performance using precision, recall, and accuracy for optimized model reliability.

Movie Recommendation System

- Developed a content-based movie recommendation system using metadata such as genres, cast, and overview.
- Engineered features and applied cosine similarity on TF-IDF vectors for accurate similarity matching.
- Deployed the model using Streamlit, enabling an interactive and user-friendly web interface.

CERTIFICATIONS

Introduction to Artificial Intelligence - IBM
Problem Solving and Controls - IBM
Python for Data Science - NPTEL
Programming in Java - NPTEL

EDUCATION

Bachelor's in Computer Applications (BCA) - *Dr. NSAM First Grade College*   *07/2022 - 07/2025*
CGPA: 9.5

Pre-University (PU) - *Seshadripuram Pre-University College*   *07/2020 - 07/2022*
Percentage:87.17%

Secondary School Leaving Certificate (SSLC) - *Government Boys High School*   *07/2018 - 07/2020*
Percentage:64.48%