KOTESWARA RAO VARIKUTI

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# Career Objective

Motivated Full Stack Developer and AI/ML enthusiast with a strong foundation in Python, web technologies, and cloud platforms. Currently undergoing intensive MERN stack training and equipped with hands-on experience through multiple virtual internships and real-world projects. Eager to contribute to innovative development teams by building scalable, user-focused solutions that combine the best of full stack and AI technologies.

# Education

**B.Tech in Artificial Intelligence & Machine Learning –** Chalapathi Institute of Technology (2022–2026) | CGPA: 9.3  
**HSC – MPC –** SPS Junior College (2021) | CGPA: 9.5  
**SSC –** Z.P.H School (2019) | CGPA: 9.5

# Technical Skills

• Programming: Python (Advanced), Java (Intermediate), JavaScript  
• Web Tech: HTML, CSS, ReactJS, NodeJS, ExpressJS, MongoDB  
• ML Tools: Scikit-learn, TensorFlow, Keras, Pandas, NumPy, Seaborn  
• Databases: MySQL, MongoDB  
• Tools & Platforms: Git, Docker, AWS, VS Code, Jupyter Notebook

# Projects

**Spam Email Classifier**🛠️ Python, Scikit-learn, Pandas  
✅ Achieved 90% accuracy using Logistic Regression on SpamAssassin dataset.  
[🔗 GitHub](https://github.com/vkoti6159/python-ML/blob/main/Email%20Classification%20spam%20or%20not%20using%20logistic%20regression.ipynb)

**House Price Prediction**🛠️ Python, Pandas, NumPy, Scikit-learn  
✅ Achieved R² score of 0.88 using Linear Regression.  
[🔗 GitHub](https://github.com/vkoti6159/python-ML/blob/main/house%20price%20predict%20linear%20regression%20.ipynb)

**Movie Review Sentiment Classifier**🛠️ TensorFlow, Keras, Python  
✅ Achieved 92% accuracy using ReLU and Sigmoid on IMDb dataset.  
[🔗 GitHub](https://github.com/vkoti6159/python-ML/blob/main/nueral%20network%20for%20classifying%20movie%20(binary)%20use%20imdb)-checkpoint.ipynb)

# Internships

Google Android Developer (Virtual) — Jan–Mar 2025  
• Built Android apps with Firebase; improved UI responsiveness by 22%.

AWS Data Engineering Intern (Virtual) — Apr–Jun 2024  
• Developed ETL pipelines; boosted data efficiency by 35%.

AWS Cloud Virtual Internship — Jul–Sep 2024  
• Developed apps using Lambda, EC2, S3; reduced cloud costs by 15%.

EduSkills Web Full Stack Developer (Virtual) — Oct–Dec 2024  
• Built responsive web apps with 38% faster load time.

Palo Alto Cybersecurity (Virtual) — Jan–Mar 2024  
• Hands-on with threat detection and firewall management.

Juniper Networking Cloud (Virtual) — Apr–Jun 2025  
• Implemented network automation with virtual routers.

# Certifications & Achievements

• NPTEL: Network Security – 61% (Jan–Apr 2025)  
• NPTEL: Introduction to IoT – 80%  
• NPTEL: Cloud Computing – 65%  
• IBM – AI Fundamentals  
• Infosys Springboard – Agile Methodology, Programming in C, Python, Java  
• Hackathon 2024 Finalist – Top 20 Nationwide  
• Winner – Code Hunt (CIT Coding Contest)  
• Organizer – 'Unlock the Future with AI, ML, DL' Workshop

# Extracurricular

• Participated in coding contests and national hackathons.  
• Conducted peer workshops on Python, ML, and Web Development.