Yugendran.K

satharukmani@gmail.com | +91 8825413092
https://github.com/YUGIIIIII | https://www.linkedin.com/in/yugendran-kumar-91128a253/

Career Objective

Motivated Computer Science Engineering student with a strong foundation in software development, data science, and cloud technologies. Skilled in Python, Java, and SQL, with hands-on experience in AWS and machine learning. I'm eager to work on innovative projects that solve real-world challenges while continuously learning and contributing to a team-oriented environment. Looking for a role where I can apply my skills and grow professionally while making a meaningful impact.

Education

Amrita Vishwa Vidhyapeetham ***CGPA: 8.47/10***
B.Tech in Computer Science and Engineering

Sri Chaitanya Techno School ***CGPA: 8/10***
Intermediate

Boaz Public School ***CGPA: 8.5/10***
Secondary

Skills

Languages: C/C++, Java, Python, JavaScript, R, SQL

Technologies & Tools: AWS, EC2, DynamoDB, S3, SQS, Lambda, Linux, Frama C

Soft Skills: Communication, Teamwork, Problem-Solving, Leadership, Time Management, Adaptability, Critical Thinking

Technical Interests

Machine Learning: Neural Networks, Deep Learning

Cloud Computing: AWS (EC2, S3, Lambda, DynamoDB)

Software Development: Python, Java, R, C/C++

Data Science: Data Analysis, SQL, Data Visualization

Languages

English: Advanced
Tamil: Native
Telugu: Intermediate

Affiliations

AWS Graduate
ACM Student

Projects

Personal Portfolio
Languages used: HTML, CSS, JavaScript, SwipeJS, NodeJS

- Developed a comprehensive personal portfolio website that highlights technical skills and project accomplishments.
- **View Portfolio**

Heart Failure Prediction using Machine Learning
Languages/Tools used: Python, Scikit-learn, Pandas, NumPy, Matplotlib

- Developed a machine learning model to predict heart failure risks using clinical patient data.
- Applied data preprocessing, feature selection, and implemented algorithms like Logistic Regression, Random Forest, and SVM.
- Achieved an accuracy of 97 percent and visualized model performance using confusion matrix and ROC curve.

Earthquake Data Visualization
Languages used: Java,PApplet

- Real-world earthquake data visualization using Unfolding Maps library and Processing GUI.

Certificates

- **Object Oriented Programming In JAVA by UC San Diego**
- **AWS Academy Graduate - AWS Academy Cloud Foundations**
- **Crash Course on Python by GOOGLE**
- **Python for Data Science by IBM**
- **Technical Support Fundamentals by GOOGLE**

Personal Details

Date of Birth: 14/11/2004
Hobbies / Interests: Custom designing, Android enthusiast
Contact Address: C2, C Block, Suraj Enclave, Nakkeeran Street, Kamrajpuram, Chennai

Place: Chennai **Date:** 14/11/2024