

ROHIT RAMESH SHETTY

Los Angeles, CA | (213) 245-8232 | rshetty@usc.edu | www.linkedin.com/in/shettyrohit0810

EDUCATION

University of Southern California

Master in Computer Science

Relevant Coursework: Web Technology, Artificial Intelligence

Los Angeles, CA, United States

January 2025-December 2026

RAMRAO ADIK INSTITUTE OF TECHNOLOGY

Bachelor of Computer Science ( Minor: Data Science )

Relevant Coursework: Data Structures and Algorithms, Machine Learning, System Design, Database, Data Warehousing, Git, Devops

Navi Mumbai, India

July 2020-July 2024

SKILLS

- Technical Skills: Python, Java, SQL, JavaScript, HTML, CSS, Power BI, Kotlin, Docker
- Web & Frameworks: React, Node.js, Flask
- DATABASE: MySQL, MongoDB
- CLOUD TECHNOLOGIES: Azure Databricks, GCP(Google Cloud Platform), AWS (EC2, lambda, S3)
- CERTIFICATIONS: Oracle Generative AI Certified Professional. Multimodal RAG (DeepLearning.AI), Python Bootcamp (Udemy)

EXPERIENCE

DELPHI CONSULTANT MIDDLE EAST

Data Associate-AI & Data

Constructed an intelligent chatbot leveraging Azure OpenAI and SQL, reducing query resolution time by 35% and enhancing user satisfaction

Facilitated knowledge sharing sessions on Python-based ATS optimization, strengthening collaboration between engineering and HR teams, resulting in a 20% boost in candidate selection accuracy

Mumbai, India

August 2024-December 2024

BTB - Be The Bank

Software Engineer Intern

Implemented M-Pesa API for automated B2B payments, strengthening financial accessibility and reducing payment failures by 30%

Led a team of 4 developers for the BTB payment module project, fostering a collaborative environment ensuring seamless communication between developers and business stakeholders, leading to a smooth API integration process

Remote, India

January 2024-July 2024

Spay India

Software Engineer Intern

Created key features of a B2B2C Financial Inclusion Platform leveraging JDK, React, and Java, scaling usage to 10,000+ users

Restructured database architecture to improve system efficiency, cutting down data retrieval time by 30%

Navi Mumbai, India

January 2023-April 2023

ACADEMIC PROJECTS

Melody Generation Using RNN LSTM

Project Lead

Built a Recurrent Neural Network (RNN) with Long Short Term Memory (LSTM) achieving 92% accuracy and 24% loss

Streamlined musical data preprocessing with music21, cutting down data inconsistency by 40% and advancing model convergence speed by 25%

Engineered an RNN-LSTM model for melody generation, analyzing 1,700+ MIDI sequences to boost pattern recognition and ensure coherent compositions

Navi Mumbai, India

July 2023-December 2023

Stroke Risk Prediction Using Deep Neural Networks

Group Member

Engineered a Deep Neural Network (DNN) classifier with ReLU and Sigmoid activations, optimizing model architecture to enhance generalization and achieve 92.57% test accuracy and 98.2% training accuracy

Resolved data imbalance issues using SMOTE oversampling and advanced data synthesis techniques, improving recall to 97% and enhancing prediction reliability

Collaborated with a team of 4 researchers, optimizing hyperparameters and feature selection to improve stroke risk detection accuracy, ensuring efficient deployment and real world applicability

Navi Mumbai, India

January 2023-July 2023

HONORS

- Best Technical Presentation – IEEE Conference (500+ audience, Stroke Risk Prediction)
- Published technical paper in the Springer Journal for Melody Generation
- Copyrighted projects Stoke Risk Prediction System and Melody Generation by Government of India
- Leadership and Teamwork: Treasurer and previously Public Relation Officer at SOW DY Patil