

KEERTHANA N

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Skills

- C | python | MSSQL
- Communication | Leadership | Grit | Interpersonal skills | Organisation | English, Tamil | Teamwork | Ethics – *All professional proficiency or above*
- Problem Solving | Workshops | LESS

Education

Bachelor of Engineering (B.E) in Computer Science and Engineering

Trichy, Tamilnadu

- Kongunadu College of Engineering and Technology (Anna University), (Trichy, Tamilnadu)
- CGPA: 8.34

Higher Secondary Education (HSC)

Periyakanalapatti, Tirupathur

- Government Higher Secondary School
- Percentage: 75.3

School Leaving Certificate (SSLC)

Periyakanalapatti, Tirupathur

- Government Higher Secondary School
- Percentage: 86.4

Professional Experience

Automatic Number Plate Recognition

- Initiated and led comprehensive research and Artificial Intelligence initiatives, implementing Python, SQL to extract valuable insights and enhance predictive modelling.
- Spearheaded the extraction of crucial handwriting features for the prediction model, resulting in a 15% improvement in prediction accuracy.

Online Leave Form Management System

- Led the Development Team in implementing innovative solutions using javascript, HTML, SQL.
- Successfully launched the app, resulting in a 20% increase in user engagement within the first 3 months.
- Contributed to a 15% reduction in backend processing time, streamlining data processing with improved efficiency.

Internship

Training Trains

Tamil Nadu

(Duration: 15 days)

- Implemented scalable and efficient Fullstack development applications, resulting in a 20% reduction in processing time.
- Conducted testing and debugging, leading to a 20% decrease in errors.
- Optimized database interactions, improving retrieval times by 15% and enhancing overall system performance.

Certifications

- Participated Paper Presentation on the topic of (ML) conducted in SSM College of Engineering and Technology.
- Participated in "BITWACKS" Hackathon conducted in Kongunadu College of Engineering and Technology.
- Attended workshop on Machine Learning (ML) at Sri Ramakrishna Engineering and Technology.
- Data Analytics Essentials: Extracted insights, used data visualization – CISCO

Memberships

- **Professional membership:** Multimedia Club | Rotary Club | CSI Club
- **Computer Science Tutor:** Programming | Data Structure and Algorithms | career advice | coding interview prep

Others

- **Awards and Honour:** Best Performer in Classical Dance | Second Prize in Running
- **Course work:** Advanced java | Cyber Security | Advanced python | Compilers + Practicum
- **Hobbies:** Photography | Trail Running | Cooking
- **Publication:** Jain, D. Das, and A. Saxena. "Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback". Tech Report, ICRA, in press.