

SATHVIK S.R

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Address : #102 , Prakruthi Nilaya , OPP to DTI Office, Kote Road ,Shivamogga - 577202

PROFESSIONAL SUMMARY

A technically skilled and driven professional experienced in creating automated systems, implementing RESTful APIs, and designing scalable data architectures. Proficient in developing smart features like recommendation engines and fraud detection models utilizing anomaly detection methods. Capable of integrating real-time data sources and developing comprehensive solutions that prioritize efficiency and user experience. Driven to solve complex challenges through data, programming, and clean architectural practices, with a firm dedication to ongoing learning and innovation.

EDUCATION

M Tech in Computer Networking & Engineering | 7.29 CGPA

Manipal Institute of Technology | 2023-2025

B.E in Information Science & Engineering | 7.22 CGPA

Jawaharlal Nehru National College of Engineering| 2019-23

Pre-University College | 59.83%

Sri Adichunchanagiri Pre-University College | 2017-19

10TH STANDARD | 7.4 CGPA

JNANADEEPA SCHOOL JAVALLI | 2008-17

TECHNICAL SKILLS

- Programming Languages: Java, Python, C, C++
 - Backend Development: Flask, RESTful APIs
 - Databases & Cloud Technologies: MySQL, MongoDB
 - Version Control & Testing: Git, GitHub.
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PROJECTS

Enhancing Privacy and Utility in Distributed Machine Learning

- Proposed and implemented MM-Shuffle DP to enhance privacy in Federated Learning while maintaining high accuracy.
- Conducted experiments on healthcare data, evaluating metrics such as accuracy, fairness, runtime, and robustness to attacks.
- Achieved improved accuracy (94% at $\epsilon=10$) and reduced adversarial success rate compared to existing DP and FL methods.

Face Presentation Attack Detection based on CCoLBP and Ensemble Learning

- Optimized a face presentation attack detection system using Completed Co-occurrence Local Binary Pattern (CCoLBP) for robust feature extraction.
- Implemented an ensemble learning framework to improve classification accuracy against spoofing attacks.
- Achieved high detection performance and demonstrated effectiveness on benchmark datasets for face anti-spoofing.

Fraud Detection System Using Machine Learning

- Built a fraud detection model to identify suspicious activities and fraudulent transactions in e-commerce platforms.
 - Applied anomaly detection algorithms and trained models using historical transaction data.
 - Developed a dashboard to display fraud alerts in real-time.
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INTERNSHIPS

Academy of skill development | Mar 2025

Completed internship and Industrial Training in Full Stack MERN

Acamedor | Sept 2024

Completed internship in Machine Learning

Ekathva Innovations Private Limited | Feb 2023

Completed internship in Machine Learning

CERTIFICATION

Google cloud fundamentals (COURSERA)

Introducing to networking (COURSERA)

PERSONAL DETAILS:

Date of Birth : 02/11/2001

Languages Known: KANNADA, ENGLISH AND HINDI

Father's name : S.V RAVISHANKAR

Mother's name: N.G SRI VANI

DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

date: 06/03/2026

yours sincerely
SATHVIK S.R