

Varun Sadashive Gowda

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Detail-oriented, self-motivated professional with approximately 3 years of IT experience in customer-facing roles, demonstrating strong problem-solving and communication skills.

EDUCATION

Bachelor of Engineering - Electronics and Communication 2019 - 2023
JSS Science and Technology University 8.94/10 CGPA
Course work – Computer Networks | Operating system | Cryptography and Network Security

SKILLS & COMPETENCIES

Languages – Python | ABAP | Java | C | C++ | Kotlin | SQL

Technical skills - Object oriented programing | Database development and maintenance | Transportation Management | Software testing and evaluation | Enterprise resource planning

Soft skills - Leadership and Critical thinking | Time management and efficiency | Adaptability | Team collaboration

EXPERIENCE

SAP LABS, Bengaluru: Associate Solution Support Engineer Feb 2023 to Present

- Analyzed complex problems and resolved 400+ critical issues for SAP customers through incidents.
- Assisted customers with designing business requirements and ensuring clean core operations for their greenfield or brownfield implementations. [ABAP, C++]
- Mentored junior engineers, enhancing team productivity by 20% through code/issue reviews and technical workshops on advanced topics of Transportation Management.
- Collaborated with cross-functional teams like Extended Warehouse Management (EWM), Materials Management (MM) and Sales and Distribution (SD) to create dataset for internal systems.
- Helped gather information and compile it into the wiki, which over 300 SAP clients accessed.

Sandlogic Technologies Private Limited, Bengaluru: Intern Jul 2021 to Dec 2021

- Worked on Deep learning in computer vision area along with AI. [Python]
- Learned and implemented various models like Resnet and YOLO (You Only Look Once) to real world applications.
- Collaborated with team for annotating the dataset for a client project and developed it in YOLOv5 model.

RESEARCH PAPER AND PUBLICATIONS

Text Independent Speaker Recognition and Classification using KNN Algorithm ([Publication](#) )

- Conducted research on speaker recognition techniques, achieving a 96.97% accuracy using a double distance measurement method, surpassing the 84.85% accuracy of K-Nearest Neighbors (KNN).
- Investigated "speaker idolization" to improve speech recognition accuracy, audio indexing, and transcription intelligibility, contributing to personalized and secure smart environment technologies.

Real Time Theft Detection Using YOLOv5 Object Detection Model ([Publication](#) )

- Developed an automated theft detection system using the YOLO v5 object detection model, enabling real-time identification of objects and theft events with alerts to owners and authorities.
- Leveraged deep learning concepts, including neural networks and object detection, to address the global challenge of theft through innovative, automated solutions.

ACADEMIC PROJECTS

Media player control by hand gestures using open-cv and python

- Developed a media player which uses hand gestures to control the media player (Play, Pause, Skip, Volume adjust).
- Implemented in real time using Open-cv library and integrated it with VLC media player.

Study of Perovskite as a Triboelectric Nanogenerator

- Investigated the best characteristics for a nanogenerator and researched a five-layer film for optimal performance.
- Fabricated a 5×5×0.1 Cm thin film and characterized its triboelectric properties.