

## Saswat Pandey

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### ACADEMIC DETAILS

Examination	University	Institute	Year	CPI/%
Graduation	VTU	CMRIT, Bengaluru	2023	8.1
Higher Secondary	CBSE	JVM Shyamali, Ranchi	2018	80

### Work Experience

- **Associate Product Developer** (AI Team)  
(Epicor Software Corporation) , Feb'23 - August'23)
  - Developed AI predictions feature to predict values upcoming values for form in Epicor ECM tool
  - Implemented AWS cloud watch and Lambda to build data capture and data cleaning pipeline
  - Added reinforcement in the custom hybrid model to improve suggestions with time for the user
- **AWS, Data Science and Artificial Intelligence trainer)** (Austin, Texas)  
(Trainer, ITNoDegree , Jan'20 - Feb, 2023)
  - - Trained over 100 students in 6 batches for the tenure of 8 months in a remote US agency and helped them in their industrial onboarding.
  - Helped the students grasp concepts by providing different projects for each student.
  - Motivated students to participate and clear the certifications exam from AWS

### FIELDS OF INTEREST

- Artificial Intelligence, Large Language Models(LLM) Fine Tuning
- Hybrid Models, Deep Learning, OpenCV, RNN
- RestAPI, Full-Stack, Machine Learning

### TECHNICAL SKILLS

- **Languages** (C, C++, Python, JavaScript), **Database** (MySQL, Postgresql, ElasticSearch) **Script** (Python, Node, R), **Tools** (Jupyter, Spyder, Rstudio).

### MAJOR PROJECTS AND MINI PROJECTS

- **Vision for Blind** (Research Project)  
(Guide: Prof. Farida Begam(H.O.D) , May'22 - May'23)
  - Objective: Provide visual aid to blind people by real-time audio transcription of detected objects. .
  - A Single Shot detection technique(YOLO) algorithm was used and a TF-lite model was built.
  - Studied various papers related to different visual aids using technology for blinds.
- **Forecasted upcoming crop sales for Indian farmers to optimize supply chain.** (B.E)  
(Guide: Prof. Suguna Devi , Jan'21 - Aug'21)
  - Optimized supply chain of perishable goods by using time series forecasting to forecast upcoming week's demand.
  - Used ARIMA model for prediction of upcoming sales based on previous historical trends.

### Awards And Achievements

- Felicitated with the first rank in Machine Learning hackathon at university level
- Ranked first in the AICTE Vishwakarma innovation award and won prize money of Rs 51000
- Won three consecutive college-level hackathons in C++, Python, and Database management
- Procured gold medal for excellence in academics for three consecutive years at school level