SALMAN KM

AI Developer

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Summary

Currently working as an AI Developer at Grow AI Software Solutions and have also done internships in Data Analyst and Artificial Intelligence, I have completed my Postgraduation in artificial intelligence.

Experience

Work Experience

June 2023 — **AI Developer**, *Grow AI Software Solutions*, Kerala, India
- Developed a Smart Attendance System for automatically taking student attendance using face recognition.
- Implemented AI-powered IoT in classrooms for power on and power off devices when persons enter and leave.
- Done object detection and Moving object tracking.
- Worked in Video Analytics related projects

Internships

May 2023 — **Data Analysis Intern**, *ClimAI Cleantech Private Limited (SolarBhai)*
Work Done:
- Created ML Chatbots Using Python frameworks.
- Automated data Pre-processing tasks using Python.

Feb 2023 — **Artificial Intelligence Intern**, *Nucore Software Solutions*
Work Done:
- Created a Machine learning-based Chatbot Using Python frameworks.
- Implemented NLP in Chatbot for working in Humen Languages.
- Reduced customer support cost and made application more interactive.
- Made customer interactions easier.

Education

2021–2023 — **M.Sc Computer Science With Specialization In Artificial Intelligence**, *Cochin University of Science and Technology*
Kochi-682022, Kerala, India

2018–2021	**B.Sc Computer Science**, *University of Calicut* Calicut, Kerala, India

Non Academic Projects

jun 2023	**AI Enhanced Traffic Monitoring**, *vehicle detection and tracking* Work Done: ○ detected all moving vehicles on the road using the YOLO v8 model. ○ Track all moving vehicles using the Deep sort algorithm. ○ Draw a virtual line and count all vehicles crossing the line. ○ Implemented speed estimation for identifying vehicles crossing the speed limit.

Academic Projects

Jan 2023	**CNN Based Malware Detection** Work Done: ○ Convert exes of malware into binary code and Assembly code and Convert them to images using Python. ○ Created and trained a CNN model by using malicious and Benign images. ○ By simply giving a new Exe we can classify it as Malicious or Benign.
March 2021	**DEPLOYING A WEBSITE To AWS CLOUD USING DevOps**, *TERRAFORM AND JENKINS* Work Done: ○ Automated Web Hosting TO AWS Cloud Using Jenkins and Terraform ○ Reduced Time And Cost Of Cloud Deployment ○ Reduced Human Effort in Dynamic Web Hosting And Reduced Errors Due To Human Interaction

Skills And Abilities

Deep Learning:	DNN, CNN, RNN(LSTM).
Computer Vision:	Face Recognition, Face Detection, Object Detection and tracking.
AWS Cloud	EC2, VPC, RDS, S3, IAM, ALB, Security Group.
DevOps:	Jenkins, Terraform
Scripting:	Python, SQL.
Documentation	Google Docs, Latex
Web-Development	Django, HTML, CSS.