Hareekrishna V S

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WORK EXPERIENCE

ZOHO Corporation | ZOHO Finance Suite | ZOHO Expense | Procurement Solution Tamil Nadu, IN
Member of technical staff | Backend Developer Jun 2023 - Aug 2025

Working at ZOHO Finance Suite as a software developer, I improved my ability to solve problems, organized tasks effectively, and embraced significant responsibilities. I expanded my knowledge in database administration and Java, helping to design several features. This position encouraged a "learn it all" mentality, which helped me to continuously strengthen my skills.

Project Trainee Jan 2023 - Jun 2023

Gained practical experience with Java Spring Boot, REST APIs, Git, and Gradle while working on the Zoho Finance Suite. Contributed to feature development and patching, and honed debugging skills by resolving application issues.

Defence Research & Development Organization | SASTRA University Tamil Nadu, IN
Research Intern Jan 2022 - Dec 2022

As part of a team, I helped design a forecasting application using machine learning and deep learning technology. Led research on several deep learning models, developing and executing a model with 95% accuracy, that was used for the final application.

MITACS Globalink | University of Windsor Ontario, CA
Research Intern May 2022 - Aug 2022

Collaborated on a cooperative automated driving project under the guidance of a University of Windsor professor. Gained hands-on experience with computer vision and machine learning techniques, implementing them on live sensor data to successfully convert an RC car into a self-driving vehicle.

PROJECTS

Order Management System
Developed a procurement solution application for raising purchase requests, placing orders, and tracking them. Built using Java, Spring Boot, REST API, and MySQL.

Anomaly Detection in Surveillance Video
Designed a deep learning RNN model for detecting anomalies like theft, accidents, and fights in pre-recorded surveillance videos, achieving 94% accuracy.

Automated Detection of Overflowing Garbage Bins
Developed an application to identify overflowing garbage bins in images, later enhancing it to process real-time feeds using the YOLO framework.

Virtual Game Control
Developed an application in colab for controlling the Subway Surfers game, where the in-game avatar mimics user actions, such as jumping or moving right, based on real-time user movements.

EDUCATION

Concordia University | Master of Computer Science **Montreal**, CA
Computer Science Jan 2026

SASTRA University | B.Tech Tamil Nadu, IN
Computer Science & Business System | CGPA: 8.41 Jul 2019 - Jul 2023
Organizations & Volunteering: Ramanujan Mathematical Society, SCORE (Outreach Program), PLASMA (Blood Donation).

PROFESSIONAL SKILLS

Technical Skills: Java, C++, Python, DSA, OOP, DBMS, REST API, Scripting, Design Patterns, Machine Learning, Deep Learning, Computer Vision, NLP, Data Visualization, Data Processing, CUDA.

Tools & Libraries: TensorFlow, Scikit-Learn, Numpy, Pandas, Intellij, VS Code, Colab, Conda, Spring Boot, MySQL, Gradle, Git, Redis, Kafka.

Interpersonal Skills: Learn-it-all Mindset, Active Listening, Communication, Team Collaboration, Adaptability, Critical Thinking, Analytical Thinking, Time Management, Stress Management, Multitasking, Prioritization, Self Awareness.

Languages: English, Tamil.