



Manoj R

Software Engineer | AI Developer | Fresher

Recent MCA graduate with expertise in AI/ML, full-stack development, and ERP systems. Passionate about leveraging Python, TensorFlow, and SAP technologies to develop innovative enterprise solutions. Currently learning SAP ABAP and ERP fundamentals to contribute to SAP-based applications.

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EDUCATION

Master of Computer Applications Acharya Institutes

12/2023 - Present

GPA 8.21

Bachelor of Computer Applications JSS College of Arts, Commerce & Science

06/2020 - 09/2023

GPA 7.16

PROJECTS

AI-powered personal stylist and outfit recommender (11/2024 - Present)

- Developed an AI-based fashion recommendation system using Python, Flask, TensorFlow, NLP, LLMs and PyTorch, achieving 85% accuracy with CNNs for outfit suggestions. Used OpenCV for image preprocessing and virtual try-on, integrating Keras for optimized deep learning. Deployed as a Flask web app with an intuitive UI.

Inventory Management System (03/2023 - 06/2023)

- Developed an Inventory Management System using Python, Flask, MySQL, and JavaScript for automated stock tracking. Built a real-time dashboard, optimized MySQL queries for 30% faster retrieval, and added low-stock alerts with role-based authentication.

Rooms Booking Website (05/2022 - 08/2022)

- Developed a responsive room booking website using HTML, CSS, JavaScript, and Flask with a MySQL-backed dynamic booking system. Designed an interactive UI, added automated email notifications, and improved booking efficiency by 40% while preventing double bookings.

VOLUNTEER EXPERIENCE

Code Fusion – IT Fest | Volunteer Acharya Institutes

05/2024 - 06/2024

Achievements/Tasks

- Assisted in organizing and managing coding competitions.
- Provided leadership in coordinating teams for smooth event execution.
- Guided participants in debugging and technical queries.

SKILLS

Agile methodologies

Automation testing

Bash scripting

GitHub collaboration

Java development

Linux system administration

Object-Oriented Programming

Problem-solving skills

AWS

PyTorch

Docker

Python programming

SAP ABAP (learning)

SAP HANA (learning)

ERP Systems

Version control with Git

ACHIEVEMENTS

HackerRank Software Engineer Intern Certification

Passed role certification test, validating software engineering skills.

Accenture Advanced Engineering Job Simulation

Gained hands-on experience in Object-Oriented Programming, CI/CD, code refactoring, and Agile methodologies.

CERTIFICATES

Certified in Google IT Automation with Python (06/2024)

Covered Python, Git, IT automation, debugging, and cloud configuration.

IBM AI Developer (03/2024)

Expert in AI development, built AI apps with Python, Flask, HTML, CSS, JS, and developed chatbots, AI models, and tools.

IBM – Developing Front-End Apps with React (01/2024)

Mastered React.js for front-end development, developed interactive UI components, and learned best practices for efficient development.

Animation with JavaScript and jQuery (07/2024)

Mastered interactive web animations and dynamic UI effects using JavaScript and jQuery.

LANGUAGES

English

Full Professional Proficiency

Kannada

Native or Bilingual Proficiency