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.
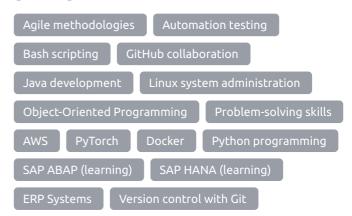
VOLUNTEER EXPERIENCE

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

25 March, 2025