Manoj R

Software Engineer | Backend Developer (Python/MERN) | AI/ML Enthusiast | Quick Learner

Self-driven and passionate MCA student in the final semester, with a strong foundation in backend development and AI/ML. Proficient in Python, Flask, TensorFlow, and the MERN stack, with a keen interest in building efficient, scalable solutions. Known for quick learning, clean coding practices, and adaptability to new technologies. Actively seeking opportunities to contribute to impactful software development projects while continuously growing as a developer.

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🖥 manojrajgopal.github.io/portfolio/

github.com/manojrajgopal

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.

Cultural & Performance Mentor
JSS College of Arts, Commerce and Science
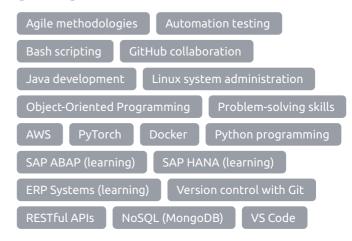
10/2021 - 05/2022

Achievements/Tasks
- Managed cultural performances, ensuring coordination.
- Provided feedback, corrected mistakes, and improved sync.
- Assisted in choreography, stage planning, and execution.

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 (learning) · Version control with Git · RESTful APIs · NoSQL (MongoDB) · VS Code

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.

Career Essentials in Software Development – Microsoft & LinkedIn (08/2025)
Learned software development fundamentals, programming concepts, version control, and industry tools for real-world application.

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