Narayanan M

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Professional Summary

Results-oriented MCA graduate seeking an entry-level Software Developer/Engineer role. Possessing a strong foundation in programming languages including Python, PHP, SQL, HTML, CSS, and JavaScript. Experienced in the full software development lifecycle through internships and projects, including optimizing codebases, developing new features, and working with databases. Proven ability to quickly learn new technologies and apply problem-solving skills effectively. Eager to contribute technical skills and a collaborative spirit to impactful software development projects.

Education

Master of Computer Applications (MCA) CGPA: 7.2
Manipal Institute of Technology, Manipal, Karnataka, India *2022 – 2024*

Bachelor of Computer Applications (BCA) CGPA: 8.2
Vivekananda College, Puttur, Karnataka, India *2019 – 2022*

Experience

AI/Machine Learning Intern Nov 2024 - Jan 2025
TechSaksham (Microsoft & SAP CSR Initiative) *Online*

- Developed an AI-powered email spam detection system using Multinomial Naive Bayes, achieving 98% classification accuracy with Streamlit web application
- Managed end-to-end project lifecycle—data preprocessing, model training, and evaluation—delivering a Streamlit-based dashboard for stakeholders.

Software Developer Intern Jan 2024 - Jun 2024
EZ Technologies *Mangalore, Karnataka, India*

- Utilized PHP and Python for back-end development tasks, enhancing understanding of web application logic.
- Queried PostgreSQL databases extensively using SQL to extract and manipulate structured data.
- Contributed to optimizing PHP codebase for a face recognition system, improving processing efficiency.
- Collaborated with the team using Git for version control during feature development and code optimization.

Projects

Job Application Assistant | *Flask, Python, Llama 3.1) - In Development*

- Developing a full-stack web application using Flask and Python to streamline the job application process through AI-powered resume analysis and content generation
- Conducting ongoing user experience research with job seekers to identify common application challenges, incorporating findings into feature development like custom question responses
- Building a responsive and accessible UI with modern CSS practices, focusing on mobile-first design and WCAG compliance standards

Customer Churn Prediction System | *Python, Scikit-learn, XGBoost, Random Forest, Matplotlib, PowerBI*

- Built a predictive model analyzing customer data using ensemble methods and Exploratory Data Analysis (EDA) to identify churn factors.
- Developed predictive models to analyze customer retention in the telecom industry using machine learning techniques, enhancing customer engagement strategies.

Technical Skills

Programming & Web Dev: Python, PHP, SQL, JavaScript, Flask, HTML, CSS
Databases: SQL (PostgreSQL, MySQL, SQLite), MongoDB (Basic Aggregation)
Concepts: Object-Oriented Programming (OOP), Debugging, Agile Methodologies, SDLC
Tools: Git, Linux, Docker(Exposure), AWS (Exposure)

Professional Certifications

Google Business Intelligence Professional Certificate | Google
Google Data Analytics Professional Certificate | Google

Soft Skills

Problem-Solving, Adaptability, Collaboration, Quick Learner, Attention to Detail, Initiative, Communication