Vijaykumar Guggari

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Caree Objective

Innovative Computer Science Engineering student with expertise in full-stack development, cloud computing, and automation. Skilled in building scalable, secure, and efficient software solutions using Terraform, Ansible, React, and CI/CD tools. Adept at working in Agile environments and leveraging strong problem-solving and communication skills to deliver impactful results.

Education

B. Tech in Computer Science and Engineering
Presidency University, Bengaluru | CGPA: 7.54 | Expected Graduation: 2025
Diploma in Mechanical Engineering
CIM Munavalli Polytechnic | Percentage: 87% | Completed: 2022

Professional Experience

Web Development Intern
HireXBot | June 2024 – August 2024
Developed and optimized responsive web applications using **React**, **Node.js**, and **JavaScript**, reducing load times by 20%.
Streamlined CI/CD pipelines using **Terraform** and **Ansible** automation, reducing deployment errors by 30%.
Enhanced system reliability and user retention by implementing new features in an **Agile** environment, boosting engagement by 30%.

Software Developer (Final Year Project)
Presidency University | 2024
Designed and implemented a **machine learning-based Crop Management System**, assisting farmers in Tamil Nadu with precise harvesting decisions to reduce crop loss.
Automated data analysis and backend tasks using **Bash/Shell scripting**, improving efficiency and accuracy.
Collaborated in an **Agile team**, ensuring timely project delivery and seamless integration of backend and frontend services.

Projects

Ambulance Hiring System: Built a high-uptime service system using **Java**, **PHP**, and **MySQL**, improving query speed by 35%.
Restaurant Website: Developed a responsive site with **HTML**, **CSS**, and **Bootstrap**, reducing load time by 25%.
Attendance Tracker: Designed a **Python** app with SQLite, reducing database processing time by 40%.
Stock Portfolio Tracker: Created a real-time stock portfolio tracker with APIs and interactive dashboards.
Chatbot: Built an AI-powered chatbot using **Python** and **NLP**, improving user engagement by 30%.
Hangman Game: Developed an interactive Hangman game using **JavaScript** and **HTML**, enhancing algorithm and UI/UX design skills.

Certifications & Courses [Google Drive Folder]

Python Masterclass - Micro Degree
Google Cloud Skills Boost: Cloud Computing Essentials
Terraform and Ansible Basics
Machine Learning Algorithms: Supervised & Unsupervised Learning
Power BI for Beginners – Data Visualization Techniques

Technical Skills

Programming Languages: Python, Java, Bash/Shell Scripting, JavaScript, C, C++
Web Development: React, Node.js, HTML, CSS, TypeScript, Angular
Automation: Terraform, Ansible
DevOps: Continuous Delivery (CD), Continuous Integration (CI), Docker, Kubernetes
Version Control: Git, GitHub
Cloud Platforms: AWS, Google Cloud Platform, Azure
Databases: SQL, MySQL, MongoDB, SQLite
Others: REST APIs, GraphQL, Bootstrap, Tailwind CSS, Data Structures, Algorithms, Pandas, NumPy, SciKit-Learn, Matplotlib, Seaborn

Soft Skills

- Strong problem-solving and analytical skills
- Clear and effective communication
- Team collaboration and project coordination
- Time management and organization
- Adaptability and critical thinking
- Leadership and decision-making

Core Competencies

Agile Methodologies & SDLC
Problem Solving & Optimization
Collaboration & Cross-Functional Communication
Automation with Terraform and Ansible
Cloud & DevOps Integration

Additional Activities

Active Member, Kannada Sangha: Led cultural programs and engagement activities.
Stand-Up Comedian: Enhanced public speaking and presentation skills.
Kannada Music Lyrics Writer: Demonstrated creativity through original compositions.

Thank you for reviving.