PUSHKAR AGARWAL

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OBJECTIVE

Motivated software developer with over 3 years of experience in building scalable, high-performance applications. Skilled in a wide range of technologies, with a strong focus on delivering clean, efficient code and driving successful project outcomes. Seeking to leverage expertise in software development to contribute to innovative solutions and team success.

EDUCATION

Bachelors of Computer Science and application, Maharshi Dayanand University   2019-2021
Relevant Coursework: Professional Software Development, Major programming languages and best methodologies.

SKILLS

Technical Skills	Database Design and Management, Data structures and Algorithm, Agile Methodology
Programming Languages	Python, HTML, CSS, NodeJS, JAVA
Cloud Platforms and Tools	Microsoft Azure, AWS, Docker
Backend Frameworks	Express.js, Django, Flask
Testing Tools	Selenium, Postman
Databases Known	MySQL, PostgreSQL, MongoDB (including Atlas MongoDB)
Version Control and Collaboration	Git, GitHub, GitLab, Bitbucket
Operating System	Windows, Linux, Ubuntu
Security Section	Website Testing (Manual + Automation), Ethical Hacking, Networking

EXPERIENCE

Technical Program Manager   Mar 2023 - Present
Development Monitors LLC   *Arlington Virginia, USA*

- Designed and developed a robust backend server and user-friendly frontend interface, ensuring seamless data transmission and integration between both ends of the system.
- Led the development of water supply management software, consistently delivering projects on time while automating key tasks through optimized scripting solutions.
- Managed backend operations, implementing numerous automation scripts to streamline organizational processes, enhancing overall software performance and efficiency.

Senior Software Developer   Sept 2021 - Mar 2023
Hydear Tech Pvt Ltd   *Delhi*

- Led quality development, overseeing the work of junior analysts and developers and driving improvements in user experience through thorough testing and feedback.
- Managed asset handling, ensuring high levels of coworker and user satisfaction while supporting web development initiatives and maintaining high standards of quality.

PROJECTS

Website Availability Checker Website Availability Checker Developed a comprehensive tool to monitor website availability using multiple parameters. Implemented real-time notifications to alert administrators in case of downtime or non-functional states.

Basic face recognition system Created a face recognition system enabling login access by distinguishing between new and existing users. Integrated machine learning techniques to enhance recognition accuracy and security.

Custom Web Scrappers Designed and developed custom web scrapers using Selenium and Python. Automated data collection tasks, enabling efficient handling of multiple scraping operations simultaneously.

API Integration and Automation Developed automated workflows by integrating third-party APIs for task management, notifications, and reporting, ensuring seamless communication between systems.

Automated Email Reporting Tool Created a Python script that generates and sends automated reports via email based on data collected from various sources (e.g., APIs, databases).

Web Scraping and Data Analysis Created a project that scrapes data from multiple websites, analyzes it (e.g., sentiment analysis on product reviews), and visualizes the findings in a dashboard.