Vishal Agrawal

📞 +91 9897458481   ✉ vishal.agrawal0808@gmail.com   in www.linkedin.com/in/vishal-agrawal-6a0a7015b/

Cloud Automation | Azure Services | Terraform | Docker | Powershell | Scrum | Requirement Analysis

Experienced Cloud Infrastructure Developer with expertise in cloud automation, Azure services, and scalable infrastructure solutions. Proficient in Terraform, Docker, PowerShell scripting, and CI/CD pipelines. Skilled in managing high availability, reducing downtime, and enhancing system performance. Adept at implementing self-healing capabilities, handling infrastructure as code, and following Agile methodologies. Actively seeking an SRE role to leverage and further develop these skills.

WORK EXPERIENCE	3 Yrs 3 Months
Cognizant Technology Solutions	**Sep '21 – Present**

Associate	*Jan '24 - Present*

- Implemented & managed major features in cloud infrastructure, focusing on automation with negligible downtime and self-healing capabilities. Developed scripts and logic in **Terraform** from scratch, implemented **CI/CD pipelines with GitHub Actions**, and utilized **PowerShell scripting**. Also, containerized applications using **Docker.**
- Introduced Traffic Manager to ensure high availability of applications across multiple regions using MS Azure services and Terraform.
- Automated the management of old unused files through PowerShell scripting for analysis and deletion, leveraging automation accounts runbooks to execute scripts on the cloud.
- Possessed skills in **requirement analysis, design, development, testing, deployment, documentation, application support, and the SCRUM process of Agile.**

Jr. Software Developer	*Sep '22 – Dec '23*

- Worked on **cloud automation**, maintaining the full architecture of cloud infrastructure to ensure efficient and seamless website hosting and operation.
- Implemented and managed **Azure services, including, APIM, Azure Storage Accounts, ACI, and Azure Traffic Manager** to reduce downtime, enhance business logic, and enable fast delivery.
- Developed and maintained pilot and admin-facing applications to simplify developer maintenance and scalability requirements. Also utilized **Angular, Spring Boot, SQL, YAML, Git-bash, Azure Logic Apps, Azure DevOps, and GitHub** for various development and infrastructure tasks.
- Worked on platforms such as **Visual Studio, IntelliJ, DBeaver, and Azure DevOps.**

Programmer Analyst Trainee	*Sep '21 – Sep '22*

- Handled **full-stack web development** and database management, utilizing **HTML, CSS, Angular, Spring Boot, and SQL** for various development tasks.
- Collaborated with clients to understand requirements and developed new features for web applications, while also enhancing Pilot's UI and admin screens to improve user experience.
- Managed codebase using GitHub, ensuring efficient version control and collaboration.

EDUCATION QUALIFICATIONS

Bachelor of Technology (ECE Hons.)	Lovely Professional University, Phagwara	2021
Class XII	St. Pauls Senior Secondary School, Mathura (CBSE)	2017
Class X	St. Pauls Senior Secondary School, Mathura (CBSE)	2015

PROJECTS

American Airlines Inc.	**Cognizant Technology Solutions**	**Sep '21 – Present**

Working on enhancing the pilot and admin facing applications & infrastructure and making it hassle free for the developers to maintain and scale up the application as per the requirements.

ACHIVEMENTS

• Awarded 1st prize in the **Robotic Automation** event at LPU for developing a robotic arm using hardware connections and an **Arduino board**.	2017
• Runner-up in Technovation 2.0 at **IIT Bombay** for leading a team to develop a Bluetooth-controlled car using hardware connections.	2018
• Won a gold medal in badminton at the inter-school competition in 2016.	2016

INTERESTS & HOBBIES

Badminton, Cooking, Travelling, Sci-Fi Movies