

**ABHISHEK RAI**

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**PROFESSIONAL SUMMARY**

With a distinguished blend of leadership, strategic oversight, and select hands-on experience, I am uniquely positioned to lead teams and projects to unparalleled success. My deep understanding of technology, complemented by my certifications and project   
experiences, speaks to my commitment and adaptability in the dynamic realm of technology. My primary strength and passion lie in

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| +919818084139 | leading, strategizing, and ensuring that technological solutions align with broader business objectives. My track record of consistently |

Greater Noida, India 201306

leading teams to excellence is a testament to my capability and dedication in the ever-evolving technological landscape.

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| **SKILLS** | | **WORK HISTORY**  **Pursuit Software Development Pvt Ltd** - **Lead System Engineer** *Remote* • *07/2021* - *Current*  **Professional Experience** | |
| • | Cloud Engineering |
| • | Cloud Computing |
| • | Project Management |
| • | Programming | • | Orchestrated a migration from Google's ecosystem to Microsoft |
| • | Azure |
| for a 300-person company, with a significant U.S. cohort, leading a team of six professionals. | |
| • | AWS |
| • | GCP |
| • | Established centralized device management using Intune, |
| • | Python |
| enhancing organization-wide security and compliance. | |
| • | LLMs |
| • | Managed end-to-end user lifecycle in Office 365, including role |
| • | AI |
| assignments in Azure AD and optimized licensing for cost-effectiveness. | |
| • | Azure Data Factory |
| • | Azure Logic Apps |
| • | **Cloud Infrastructure Management**: |
| **CERTIFICATIONS**  Neural Networks, Coursera  AZ-900, Azure  Prompt Engineering, University of Vanderbilt | | • | Led Azure and AWS deployments, focusing on security, |
| scalability, and cost-effectiveness. | |
| • | Pioneered Azure resource group management and optimized AWS |
| resource deployment. | |
| • | Managed Lightsail instances, SSL certificates, and ensured site |
| uptime. | |
| • | **Cloud Infrastructure Expertise**: |
| • | Proficient in AWS, from EC2 to Lightsail for cost and performance |

optimization.

•Broad experience in Azure, from virtual machines to blob

storage.

•**DevOps and Automation**:

•Orchestrated Jenkins CI/CD pipelines with integrated tools for

enhanced deployment.

•Deployed containerized apps using Kubernetes and managed

Docker Compose setups.

•**Scripting and Programming**:

•Developed Python scripts using popular libraries for automation.

•Leveraged Powershell for Windows tasks, enhancing

configurations and reducing errors.

•**Enterprise Mobility and Security**:

•Managed devices using Microsoft Intune MDM, supporting BYOD

policies.

•**Software Testing and Support**:

•Provided high-level support for the Tosca Test Suite, from basic

configurations to in-depth troubleshooting.

•**Serverless Architectures**:

•Developed serverless applications using Azure Functions & AWS

Lambda, integrated with other cloud services.

•**Collaboration and Project Management**:

•Utilized Azure Dev Boards for project tracking and cross-team

collaboration.

•**Azure Solution Development & Leadership**:

•Designed solutions with Azure Logic Apps and championed Bicep

templates for Azure deployments.

•Led teams in creating impactful Azure solutions, maintaining

efficiency and standards.

•**Web Development & Infrastructure as Code Expertise**:

•Showcased Kubernetes expertise for containerized app

deployment.

•Led Node.js web development, emphasizing both aesthetics and

functionality.

•**Cross-Platform App Deployment**:

•Leveraged AWS Elastic Beanstalk for seamless Node.js app

deployment with MongoDB integration.

•Demonstrated flexibility by deploying Node.js apps on Google

App Engine with MongoDB connectivity.

**Jenkins Solution for TOSCA Test Results Email Notification**:

•Developed a Jenkins solution to auto-trigger TOSCA tests and

email results.

•Integrated Jenkins with TOSCA for automated test triggering.

•Utilized Bash and Powershell scripts for setup, execution, and

results extraction.

•Designed client-specific Jenkins steps and configured email

notifications.

•Collaborated with the client for feedback-driven refinements.

•Outcome: Significantly reduced manual intervention and ensured

consistent test executions.

**Automated Pipeline Scanner for SonarQube Integration**:

•Developed a Python solution on Azure Functions to scan Jenkins

and Azure DevOps pipelines.

•Scanned 18,000+ pipelines, emphasizing code quality and

security.

•Implemented Agile methodologies for effective project

management.

•Ensured proactive risk management and maintained 100% client

satisfaction.

•Outcome: Fortified CI/CD pipelines with SonarQube scans,

showcasing Python and Azure integration efficiency.

**Experience with Large Language Models (LLMs)**:

•Demonstrated expertise in leveraging LLMs for real-world

applications.

•Conducted in-depth testing of various LLMs for performance and

adaptability.

•Developed Azure-hosted chatbots utilizing OpenAI's LLMs.

•Pioneered local LLM deployment for data privacy and control.

•Enhanced LLMs by fine-tuning them for task-specific

requirements.

•Outcome: Showcased transformative applications of LLMs, from

intelligent chatbots to tailored model performances.

**Articles Published about other Projects done**.

https://medium.com/@abhishek.rai8992

· Deploying Docker Compose App in Kubernetes  
· Building a AI chatbot to answer questions over your own docs:-· Trigger custom action using python when a file is dropped in Sharepoint:-  
**Certifications and Further Qualifications**   
In my relentless pursuit of knowledge and excellence, I have   
fortified my technical acumen with prestigious certifications that not only validate my expertise but also underscore my commitment to continuous learning

**Neural Network Certification from Coursera**:   
An intensive program that delved deep into the intricacies of neural networks, their architecture, and applications. This certification has equipped me with the foundational and advanced knowledge to design, implement, and optimize neural network models for various real-world challenges.

**Prompt Engineering Certification from the University of**   
**Vanderbilt**:   
A rigorous course focusing on the engineering aspects of designing and deploying prompt-driven systems. The program honed my skills in creating efficient, responsive, and scalable prompt solutions, ensuring they cater to diverse requirements and maintain high performance standards

**Upwork** - **Python/Cloud Consultant**   
*Remote* • *02/2020* - *07/2021*   
Successfully serviced 100+ Client projects worldwide and delivered across Freelancer and Upwork

Key Projects

Python Scraping   
Kali Linux   
Machine Learning

https://www.upwork.com/freelancers/~01852975e3180dde60 5 star rated.

https://www.freelancer.in/u/rockyy43

**BlueStar Tech** - **System Engineer**   
*Ghaziabad* • *02/2017* - *11/2020*

•Designed and implemented efficient Python solutions to handle and manipulate thousands of incoming and outgoing files every 7-10 minutes, optimizing the file management process and ensuring seamless data transmission.

•Administered and maintained the organization's Amazon EC2 instances, ensuring high availability, optimal performance, and security.

•Managed the company's website, ensuring continuous uptime, and handled SSL certificate installations and renewals to maintain site security.

•Oversaw DNS configurations to ensure accurate domain resolution and optimized network performance.

•Resolved in-office technical issues related to systems, network, and internet connectivity, ensuring minimal downtime and maintaining a productive work environment.