Gaurav Gautam Shakya
Software Engineer

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I am striving for building the state of art Machine/Deep Learning Solution. I love reading about intelligence and human cognition. Engineering intelligence is most thrilling experience for me.

EDUCATION

Bachelor of Technology
Harcourt Butler Technical University
07/2019 - 06/2023   *Kanpur, India, CGPA-6.6*

Courses
- Electrical Engineering

WORK EXPERIENCE

Electrical maintenance Department(EMD) Trainee
National Thermal Power Corporation Limited(NTPC) ⬈
06/2022 - 07/2022
NTPC Limted is an Indian PSU, The largest electrical power corporation across India.

Achievements/Tasks
- Assistance in Switchyard/Substation monitoring and control.

Infrastructure Observability Admin
HCLTech
10/2023 - Present   *Lucknow, India*

Achievements/Tasks
- Hybrid(vCenter + Azure IaaS) Infra HA+ uptime, SLA, APM and Incident reporting auto-ticketing with Netcool. ServiceNow.
- exposed to work in Corporate IT infra project(SCOM migration form Onprem to hybrid cloud and upgrade)

SELF LEARNING/TRAINING

AZ-104 instructor led Training by HCLTech ⬈
Azure administrator Associate

AZ-400T00-A: Designing and Implementing Microsoft DevOps solutions by HCLTech ⬈

AWS Certified Developer – Associate (Developing on AWS) by HCLTech ⬈

Microsoft GenAI Training ⬈
Understanding the Azure AI capabilites

Cutting Edge AI/ML Research Paper Reading and Understanding ⬈
Better and deep understanding of cutting edge AI Models e.g Foundation models and Transformer Architecture.

SKILLS

`Azure` `AWS` `VMware` `ML`
`Deep Learning` `TensorFlow2.0` `Linux/windows`
`SCOM` `Problem Solving` `ServiceNow`
`Kubernates`

PROJECTS

QuizAI (04/2024 - 05/2024) ⬈
- Crafting Quiz with Gemini AI with few clicks on any Subject any Number of Questions or without subject matter expertise.

Migration from On prem to Hybrid Cloud and Upgrade (10/2023 - 03/2024)
- got exposed to production grade infra Design(HLD and LLD). Corporate project workflow and cross Team collaboration.

LinuxFreak - Linux From Scratch project(Personal) (07/2021 - 05/2022) ⬈
- Building custom Linux for specific application from source code.

CERTIFICATES

NPTEL(Advanced Computer Architecture Certification) (07/2021 - 10/2021) ⬈
KnowledgeGained: ISA, OOO Pipeline, Memory Hierarchy(Cache-->tape), GPU-Arch, Multi-core System, Perfomance Equ.

Azure AI-102 Microsoft Certified: Azure AI Engineer Associate ⬈

Microsoft Certified: Azure Data Scientist Associate (05/2024 - 05/2025) ⬈

AWS Certified Cloud Practitioner Certification ⬈

Six Sigma -Yellow Belt(YB-E) Certified by HCLTech ⬈

Hyperledger Fabric v2.x on Kubernetes ⬈

ACHIEVEMENTS

Technical Paper Presentation at Techkriti IIT Kanpur on "Vehicular pollution" (2023) ⬈
I was Invited at Techkriti IIT Kanpur for Presentation for Proposing the an Innovative solution for mitigation of "Vehicular pollution" in the "Industry Institute Interaction" Contest at 23 March 2023