CURRICULUM VITAE

Abhik Ghosh

Cloud Architect

KEY COMPETENCE/S

Cloud services, Containerization, Kubernetes and DevOps

LANGUAGE/S

German, English, Hindi, Bengali

EDUCATION & COMPETENCES

Since 2021	Capgemini, Cloud Architect
2020-2021	Augsburg University, Research Associate
2018-2020	RWTH Aachen, Software Developer/Research Associate
2014-2017	Otto-von-Guericke-University, Magdeburg, M.Sc. Information Technology
2005-2009	VTU, Belgaum (India) B.Sc. Electronics and Electrical

QUALIFICATION

- Architectof microservices architecture, databases and information systems
- Programming languages: Java, Python, SQL, Java script, Yaml, Bash (Windows & Linux)
- Data-Formats: UML, XML, JSON, REST API
- DevOps: Azure DevOps, VS Code, Gitlab, Github, CI/CD, Scrum, Agile
- Cloud-Services: Docker, Ansible, Terraform, Rancher, Helm chart, Kubernetes, AWS, Azure, Openstack
- Certificates: Azure Fundamentals, AWS Associate, Terraform Associate, CKA

PROFESSIONAL EXPERIENCE

Rolle	Solution Architect/Rancher operation
Industrie	Public Services
Projekt	Container-Platform
Verantwortlich	BSI standards and security of the infrastructure, Development of platform components, such as Harbor, Gitea, Fleet, Minio, Grafana, Prometheus, Longhorn, Trivy. Automation of deployments (IaC) using Ansible, Terraform, Gitlab CI/CD, Fleet, Bitbucket. Platform operations . Skill usage: Rancher, Kubernetes, Podman Harbor, Gitea, Gitlab CI/CD, Ansible, Terraform, Fleet, Linux, DeVops, IaC.
Role	Research Associate
Industry	Health care (Uniklinikum Augsburg)
Project	DIFUTURE-Data Integration for Future Medicine
Responsibilities	ETL process and Data Management. Worked in MeDIZ (Data Integration center in Hospital) to Digitalise all process related to data. Development of ETL pipeline, data security, data pseudonymization and make available data for further research.
Role	Developer
Industry	RWTH Aachen, E.ON Energy Research Center
Project	National 5G Energy Hub
Responsibilities	Development of Internet of Things (IoT) to optimize energy system in Buildings and connect it to the IoT platform (IoT gateway or cloud platform based microservices based architecture) via the 5G network.