

ANUPAM MAJHI

Advanced Tech Lead | MLOps, DevOps, Cloud | MS Machine Learning & AI | PGD in Data Science | B.E. Computer Science

Bangalore, India | +91-8088421654 | majhi.anupam@gmail.com

Linkedin: [@anupammajhi](#) | Website: anupamm.com | Github: [@anupammajhi](#)

Experienced architect and engineer with more than 12 years of proven track record in delivering high-availability, scalable, data-driven business applications across multiple Cloud and on-prem environment. Proficient in Machine Learning and DevOps practices & methodologies, CI/CD solutions, and Cloud technologies. Skilled in programming, IaC, and automation. Strong leadership background, driving DevOps implementation, automation, mentoring teams, and collaborations. Passionate about emerging technologies, especially Data Science, ML, and AI.

KEY SKILLS

Programming/Scripting: Python, NodeJS, Bash, PowerShell, SQL, NoSQL, HTML, CSS, JS, ReactJS, Golang, C#, Java, R

DevOps and Cloud: AWS, Azure DevOps, Terraform, Docker, Kubernetes, OpenShift, Chef Inspec, CI/CD, Jenkins, Git, Ansible, Serverless Architecture, Microservices, Artifactory, Maven, Veracode, Databricks, ELK, Linux, Windows

RPA & Process Automation: MS Orchestrator, Azure Automation, Windows Azure Pack, UiPath

Machine Learning: MLOps, DataOps, AIOps, Data Modelling, Regression, Classification, Clustering, Deep Learning, Natural Language (NLP)

WORK EXPERIENCE

Advanced Technical Lead (AI/ML Engineering) – Aptiv, Bangalore

Sept 2024 – Present

- Designed and implemented optimized Machine Learning workflows and data pipelines with Airflow, MLflow etc. to improve data processing and model training time by 70%.
- Implemented pipelines for Model Conversion, Inference and KPI generation.
- Led multi-cloud and On-prem Machine Learning solution design and implementation efforts.
- Developed and managed Kubernetes based multi-cluster batch processing orchestration application.
- Designed and delivered actionable data analytics pipelines and interactive visualizations that provided AI product leadership with critical insights into user engagement, growth trajectories, and ROI metrics.
- Designed and implemented prototypes of several MCP servers and AI Agents.

Assoc. Technical Lead – First American India, Bangalore

Jul 2019 – Aug 2024

- Spearheaded the design and development of multi-Cloud Account Vending Machine improving lifecycle deployment and decommission efficiency by about 85%.
- Lead the setup and management of AWS, Terraform, Kubernetes, & Jenkins to architect innovative solutions.
- Develop Full Stack infrastructure automations utilizing Python, NodeJS, CI/CD, and GitOps.
- Led monitoring integration for migrated applications to cloud through CloudWatch, CloudTrail, Kinesis, SolarWinds.
- Migration & configuration of on-premise applications to hybrid cloud, with overall savings of \$13 million per year.
- Developed process automation portal utilizing C#, AngularJS, SQL, DynamoDB, NodeJS, and Python for alert disaster recovery and live status of DR swings in detail that helps in tracking any discrepancies and troubleshooting.
- Championed Disaster Recovery workflow automation, orchestration, and RPA.
- Designed APIs using C#, NodeJS, API Gateway, MuleSoft, SQL, DynamoDB and other technologies.
- Mentored and trained engineers to foster a culture of growth with improved efficiency and communication.

- Managed design, development, and automation of Shared Cloud Services for clients including Volvo, Leo Pharma, and Techem.
- Pioneered solutions for Data Storage/Backup Failure prediction and reporting. This prevented missing backups and recovery of multiple instances which otherwise were missed due to inadequate reporting and monitoring.
- Orchestrated automation of request-to-platform delivery and server deployment, significantly reducing delivery time.
- Integrated monitoring infrastructure and developed SLA report generation portal.

- Utilized predictive analysis to forecast space capacity issues, leveraging Python, PHP, and Postgres.
- Improved capacity management, reducing infrastructure issues by 60%. Achieved using improved predictive analysis and alerting.
- Developed predictive models and dashboards, enhancing system accuracy by 81%.
- Crafted custom portals for reporting and dashboards, employing Python, Apache, IIS, and Microsoft's System Centre suite.

CERTIFICATIONS

Professional Scrum Product Owner I (PSPO) – Scrum.org	2024
Terraform Associate (003) – Hashicorp	2023
Azure Administrator Associate – Microsoft	2023
DevOps Professional – Edureka	2017

EDUCATION

MS in Machine Learning and AI – Liverpool John Moores University	2025
PG Diploma in Machine Learning and AI – International Institute of Information Technology, Bangalore	2019
PG Diploma in Data Science – International Institute of Information Technology, Bangalore	2018
B.E. in Computer Science & Engineering – KSIT (Visvesvaraya Technological University), Bangalore	2013

HONORS AND AWARDS

Best Performer - Annual Award – First American India	2021
Top Idea - Orange Garage Annual Awards – First American India	2020
FAI Best Performer - Quarterly Award – First American India	2020
Competence Excellence Award – Volvo	2015