Chinmay Kumar Nayak

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Portfolio: https://chinmaynayak.cnresearchs.in/

Professional Summary

Experienced and versatile software professional with 12 years in the IT industry, specializing in cloud-native application development, automation, and AI integrations. Strong background in serverless architecture, DevOps practices, and infrastructure management. Adept at building scalable systems and leading cross-functional teams, with recent hands-on involvement in AI agent development and privacy-first platforms.

Key Skills

Languages & Frameworks: Python, NodeJS, FastAPI
Cloud Platforms: AWS (Lambda, RDS, DynamoDB, IAM, CloudWatch)
DevOps Tools: GitHub Actions, Bamboo, Ansible AWX, vRO, CloudBolt
Infrastructure: Terraform, Kubernetes
Database: MSSQL, PostgreSQL, DynamoDB
AI/ML & GenAI: OpenAI, CrewAI, LangChain, LM Studio, Prompt Engineering
Other Tools: Power BI, Snowflake, BigPanda, Remedy
Soft Skills: Team Leadership, Stakeholder Communication, Knowledge Sharing

Certifications

AWS Certified AI Practitioner
AWS Certified Solutions Architect
Microsoft Certified: 70-432, 70-764, 70-765
ITIL V3 Foundation

Education

B.Tech in Electronics & Telecommunication, KIIT University, Bhubaneswar (2012)
Diploma in Electronics & Telecommunication, Kalinga Polytechnic (2009)
HSC, Paradip Port Trust High School (2006)

Work Experience

Org: Cognizant Technology Solutions (Oct 2015 Present)

Client: Toyota Motors North America (2023 - Present)
• Led a 6-member team in modernizing Java legacy systems into Python-based serverless apps on AWS.
• Built entire backend system for SPARTAN an in-house privacy tool which replaced a third party application saving the cost and improve the onboarding time for various Privacy Rights passed by US states.

Client: Liberty Mutual Insurance (2015 - 2023)
• Led a 4K+ SQL server team and an automation dev team for org-wide process automation.

Org: Tata Consultancy Services (Aug 2012 Sep 2015)

Client: Nielsen
• Managed a 10K+ SQL Server environment, developed automation for database tasks.

AI/ML Projects
• JIRA ticket story point prediction.
• LSTM-based anomaly detection model POC for VM resource forecasting

Awards & Recognition
• First Runner-Up, CIS Global Innovation Challenge Hackathon 2020-21
• Developed a machine learning POC for anomaly detection in VM resource usage.

Personal Interests
• Writing and reading tech blogs, exploring human development via podcasts.
• Interest in philosophy, especially Stoicism.

Personal Details
DOB: 16th Jan 1991
Languages Known: Odia, Hindi, English
Address: B/26, BSNL Colony, Paradeep, Odisha 754142