

# Anindya Dey

Senior Machine Learning Engineer

**Location:** Dimapur, Nagaland

**Email:** [hello@anindyadey.com](mailto:hello@anindyadey.com)

**Phone:** +91 7045 221 318

**LinkedIn:** [@anindyadey](#)

---

## Professional Summary

Senior Machine Learning Engineer specializing in full-stack platforms, MLOps pipelines, and scalable cloud infrastructure. I build production ML systems and enterprise web applications that teams can trust at scale, with a focus on predictable data flows, reliable service interactions, and cost-efficient cloud architectures.

---

## Core Skills

- **Languages:** Python, TypeScript/JavaScript, C#, SQL
  - **ML:** AWS SageMaker, TensorFlow, Scikit-learn, MLOps, Model Monitoring
  - **Data:** Snowflake, PostgreSQL, MongoDB, Redis
  - **Backend:** Node.js, .NET, REST APIs, Microservices
  - **Frontend:** React, Next.js
  - **Cloud & Infra:** AWS, Docker, Kubernetes, GitLab CI, Github Actions
  - **Tools:** Git, Prisma, Electron, AWS Lambda, PyTest, Jest, Mocha
- 

## Work Experience

### Senior Machine Learning Engineer | Vista | 2024 - Present

- Leading ML infrastructure and MLOps initiatives for production systems serving 10M+ users.
- Architected and deployed MLOps pipeline reducing model deployment time by 60%.
- Led AWS cost optimization initiative, cutting infrastructure spend by 40% while improving reliability.

- Built real-time recommendation engine processing 50K+ predictions per second.
- Mentored a team of 5 junior engineers on ML best practices and system design.
- Tech: Python, AWS SageMaker, Docker, Kubernetes, Snowflake, PostgreSQL, Redis, PyTest

## Senior Software Engineer | Vista | 2019 - 2024

- Full-stack development for e-commerce platform serving corporate and strategic accounts.
- Built subscription management system generating \$10K+ in recurring monthly revenue.
- Architected scalable REST APIs handling 1M+ requests daily with 99.9% uptime.
- Delivered B2B e-commerce features for enterprise clients (bulk orders, custom pricing).
- Shipped 20+ features, contributing to a 35% increase in user engagement.
- Tech: React, Node.js, TypeScript, MongoDB, Docker, AWS, C#, .NET, Jest, Mocha

## Senior Software Engineer | LearningMate | 2017 - 2019

- Full-stack development for edu-tech platform serving students and institutions.
- Launched LMS from scratch serving 10K+ students within 6 months.
- Developed interactive course delivery with video streaming and progress tracking.
- Implemented secure payment processing for course subscriptions and certifications.
- Built analytics dashboards for educators to track engagement and performance.
- Tech: React, ElectronJS, C#, .NET, AWS Lambda, SQL, Python

## Systems Engineer | Tata Consultancy Services | 2014 - 2017

- Full-stack development for banking and financial services projects.
- Delivered 15+ production releases with zero critical defects.
- Engineered automated email notification system for NRI customers.
- Integrated biometric authentication for employee portal.
- Implemented transaction processing modules ensuring data integrity and compliance.
- Tech: HTML, CSS, JavaScript, jQuery, C#, .NET, SQL

---

## Education

### Master of Technology | BITS, Pilani | 2020 - 2022

- Data Science
- Artificial Intelligence & Machine Learning

Bachelor of Technology | Haldia Institute of Technology, WB | 2010 – 2014

- Applied Electronics & Instrumentation Engineering
- 

## Certifications

- AWS Certified Solutions Architect - Associate
- AWS Certified Developer - Associate
- AWS Certified AI Practitioner - Foundational
- AWS Certified Cloud Practitioner - Foundational