

HARSHAD NIKAM

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PROFESSIONAL SUMMARY

Aspiring ML Engineer with hands-on experience building end-to-end NLP pipelines and deploying data-driven systems. Strong backend foundation in REST APIs, AWS Lambda, and CI/CD enables seamless ML model integration into production. Seeking an ML internship to contribute to real-world AI solutions.

TECHNICAL SKILLS

Machine Learning: Scikit-learn, NLP, TF-IDF, Naive Bayes, Feature Engineering, Model Evaluation, RandomizedSearchCV, scipy

Programming & Data: Python (primary), JavaScript, SQL, Pandas, NumPy

Backend & Cloud: Node.js, Express.js, REST APIs, JWT, AWS Lambda, GitHub Actions, CI/CD

Databases: MongoDB, SQL, NoSQL | Core CS: DSA, DBMS, OS, Computer Networks

ML PROJECTS

Spam Detection System — NLP / Text Classification / Python

- Built end-to-end Naive Bayes + TF-IDF classifier achieving ~98% accuracy on 5,574 SMS messages; combined text and metadata features via scipy hstack
- Tuned hyperparameters with RandomizedSearchCV to optimize precision-recall trade-off; designed pipeline for REST API deployment

PROFESSIONAL EXPERIENCE

Backend Developer Intern | ByteUprise Software Solutions (Remote)

Dec 2024 – May 2025

- Built and deployed 5+ production REST APIs for data pipelines, improving system throughput by 30%; integrated AWS Lambda reducing infrastructure costs by 15%
- Automated CI/CD pipelines via GitHub Actions, cutting deployment cycles by 40%; designed scalable architecture for high-volume data ingestion

IT Systems Analyst | Datamatics Software Ltd.

May 2025 – Oct 2025

- Analyzed failure patterns across 100+ monthly incidents, reducing resolution time by 35% through workflow optimization across a 7-member team
- Built a data-categorized knowledge base, cutting repeated issue handling by 25%

OTHER PROJECTS

JWT Shield — Backend Security / Node.js

- Implemented JWT authentication with RBAC for secure multi-user API systems

Next.js Portfolio — Web Development / CI/CD

- Deployed SEO-optimized portfolio with automated GitHub Actions CI/CD pipeline

EDUCATION

Bachelor of Computer Applications (BCA) — Sandip University, Nashik

GPA: 8.2 / 10

ACHIEVEMENTS

- 1st Place — Inter-college AI Presentation Competition • BEST PRESENTER AWARD