

NAUMAN PATHAN

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Education

Ramrao Adik Institute of Technology, D. Y. Patil Deemed to be University

B.Tech in Computer Engineering (Minor: Data Science), CGPA: 7.83/10

Sep 2022 – Present

Navi Mumbai, India

New Bombay City School

12th Grade, Percentage: 81%

May 2020 – July 2022

Navi Mumbai, India

Ryan International School

10th Grade, Percentage: 93.4%

April 2012 – April 2020

Navi Mumbai, India

Experience

Campus Credentials

August 2025 – Present

Web Applications Developer Intern

Mumbai, India

- **Architected AI-driven resume analysis platform** automating candidate evaluation using **SDLC principles**.
- **Implementing authentication systems** for enterprise security, ensuring **innovation** in **digital solutions**.
- **Developing intelligent database optimization** using AI-driven query analysis by leveraging **SQL** and **Oracle** technologies.
- **Integrating large language models** including **Ollama** for automated content analysis and intelligent document processing.
- Created responsive **IntelQI Studios landing page** demonstrating **SDLC** knowledge and **innovative design solutions**.

Projects

RecipeSense: Recipe Recommendation System | *Python, React, TailwindCSS, Sci-kit Learn, Flask*

November 2024

- Built ML-powered recipe recommendation engine using **TF-IDF vectorization** and **cosine similarity** on 7,000+ recipes dataset, showcasing a strong **eye for detail** in **data analytic** methodologies.
- Developed full-stack **React-Flask** web app deployed on **circuit** as enterprise performance solution.
- Secured **copyright** reflecting my **passion** for software development and a keen understanding of **programming** fundamentals.

Multilingual Toxicity Classification using Transformer Models | *Python, XLM-RoBERTa, Streamlit*

April 2025

- A multilingual toxicity detection system using **XLM-RoBERTa** and **PyTorch**, achieving accuracy of **0.93**.
- Processed **360K+ comments** across **6** toxicity categories with optimized **TensorFlow ONNX** pipeline demonstrating a systematic approach to **computer science** challenges.
- Deployed on college GPU server with **Streamlit** interface for real-time inference.

BuyWise: AI-Powered Product Insights Platform | *Python, Flask, NLTK, TextBlob, GoogleTrans*

June 2025

- Built full-stack analytics platform processing **6,950+ Amazon reviews** with multilingual sentiment analysis.
- Implemented AI-powered recommendation engine using **TextBlob** and **Google Translate API** for buy/don't-buy decisions.
- Designed responsive **dashboards** with interactive charts and **mobile optimization** for enhanced user experience.

Technical Skills & Certifications

Languages: Python, Java, C, JavaScript/ TypeScript

Frameworks: TensorFlow, Flask, React, Node.js, Express

Devops: Git, Docker, Kubernetes, Jenkins, GCP

Databases: PostgreSQL, MongoDB, MySQL, Firebase

Concepts: Microservices, Kafka, REST APIs, Data Structures and Algorithms, System Design

AWS: Cloud Foundations

Cisco Networking Academy: CCNA: Introduction to Networks, CCNA: Switching, Routing and Wireless Essentials,, CCNA: Enterprise Networking, Security and Automation, Introduction to CyberSecurity, Python Essentials 1, Python Essentials 2

Simplilearn: PowerBI for Beginners

Leadership

CSI-RAIT

Sep 2023 - Aug 2024

Technical Team

Navi Mumbai, India

- **Led tech team** in **JAVAZON** and **Product Development and Lifecycle Workshop**, mentoring **206+ students** in software development lifecycle, **agile** methodologies while applying **programming** best practices.
- Worked on the **Data Science Lab website**, supporting research and learning efforts in various **public sector initiatives**.

Extracurricular

AFAE (Awards for Academic Excellence)

April 2020

Top Scorers

ICSE 10th Boards

- Awarded in **AFAE 2020** for excellence and achieving top scores in **ICSE 10th board examinations** exemplifying **commitment to the profession of education**.

RAIT Technovate

April 2025

Event-Head

Navi Mumbai, India

- Organized and led the **Treasure Hunt event at RAIT-Technovate 2025**, receiving appreciation for leadership and successful event coordination, utilizing **scrum techniques** to ensure project milestones were met and fostering **effective collaborative environments** focused on **programming** and engagement.