

Ravish Kumar

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EXPERIENCE

Full Stack & AI Intern

Aug 2025 – Present

Vikalp India Private Limited

Remote

- Developing AI-powered modules in an LMS, including predictive analytics dashboards and personalized recommendations.
- Implemented role-based authentication, APIs, and SQL optimizations, improving response times by 30%.
- Built conversational bot prototype to assist learners with FAQs, integrating NLP pipelines for intent recognition.
- Worked in agile sprints with product leads to design scalable, user-centric features.

Data Science Intern

May 2025 – Jul 2025

Celebal Technologies

Remote

- Designed modular preprocessing pipelines for HR and enterprise datasets (1,400+ records) improving reliability to 95%.
- Developed reusable Python/OOP utilities for automation and error handling in ML workflows.
- Conducted NLP-driven EDA and visualizations, enabling HR teams to identify 40% faster insights.
- Collaborated on chatbot prototypes integrating ML models with business systems.

PROJECTS

Hacklink | *Python, React, MySQL, Scikit-learn*

May 2024 – Dec 2024

- Built AI-driven team matching engine with ML heuristics, improving student engagement by 50%.
- Implemented predictive recommendation logic and analytics loop for continuous improvement.
- Deployed APIs supporting 500+ users with scalable query optimization and monitoring.

HelpNet | *JavaScript, REST, NLP, Geolocation*

Jul 2024 – Present

- Engineered civic help platform with real-time alerts, chatbot assistance, and offline-first design.
- Integrated NLP-based ticket classification for faster issue triage and routing.
- Designed API-first architecture enabling easy integration with enterprise HR/people systems.

NEST (Neural Style Transfer) | *Python, TensorFlow, OpenCV*

Jan 2024 – Apr 2024

- Implemented CNN pipeline achieving 92% style reconstruction accuracy with optimized preprocessing.
- Enhanced runtime efficiency by 40% while documenting reproducible ML workflows.

TECHNICAL SKILLS

Languages: Python, Java, C++, SQL, JavaScript, HTML/CSS

AI/ML: Machine Learning, Deep Learning, NLP, Predictive Analytics, Chatbot Development

Frameworks: TensorFlow, PyTorch, Scikit-learn, Flask, FastAPI

Cloud/Platforms: AWS (basics), Azure (basics), Google Colab

Tools: Git, Jira, ServiceNow, ZohoDesk, VS Code, PyCharm

Databases: MySQL, Relational Databases

CERTIFICATIONS

Software Engineering – Infosys Springboard

Overview of Agile & DevOps – Infosys Springboard

NLP with Classification and Vector Spaces – DeepLearning.AI

AWARDS AND ACHIEVEMENTS

Author, IEEE WCONF 2025 – Published research on transformer-based rumor detection (IEEE Xplore).

Social Media Co-Head, CodeChef BU Club – Increased event engagement by 45%.

Service Selection Board (SSB) Interview Invitee – Selected twice under 1% national acceptance rate.

EDUCATION

Bennett University

Greater Noida, UP

B.Tech in Computer Science & Engineering (Artificial Intelligence)

Sep 2022 – Jun 2026