

Rohan Bandu Andelkar

Data Scientist

github.com/rohanandelkar | candidates.intervues.club/u/rohan-bandu-andelkar

SUMMARY

Data Scientist and B.Tech candidate with specialized internship experience in Agentic AI, Azure Cognitive Services, and Business Intelligence. Skilled in building end-to-end machine learning pipelines, deploying interactive dashboards, and designing autonomous AI workflows.

EXPERIENCE

Data Analytics Intern

Microsoft

Feb 2026 – Mar 2026

- Built interactive dashboards for data visualization, performance tracking, and enterprise reporting.
- Analyzed complex datasets to extract actionable business insights and support data-driven decision-making.

Business Intelligence / Data Analytics Intern

Microsoft Elevate x AICTE

Feb 2026 – Mar 2026

- Developed and optimized interactive Power BI dashboards to track key performance metrics and visualize complex business datasets.
- Engineered data visualization and reporting pipelines to streamline the extraction of business insights from raw data.

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AI Agent Architect Trainee

IBM SkillsBuild + CSRBOX Foundation

Jul 2025 – Aug 2025

- Architected multi-step workflows for autonomous AI agents and intelligent automation systems.
- Utilized large language models (LLMs) and prompt engineering techniques for real-world deployment scenarios.

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Azure AI Intern

Edunet Foundation x AICTE

May 2025 – Jun 2025

- Deployed scalable cloud AI solutions using Microsoft Azure Cognitive Services and integrated cloud infrastructure with machine learning endpoints.
- Constructed and implemented foundational AI models to support cloud-based application deployment.

AI Intern (Azure AI)

Microsoft + Edunet Foundation + AICTE

May 2025 – Jun 2025

- Learned and applied concepts of: AI model development, Cloud-based AI solutions, Cognitive services and automation.
- Worked on practical implementations of AI in real-world scenarios.

Microsoft Specialist

Edunet Foundation

May 2025 – Jun 2025

- Explored and implemented cloud-based Artificial Intelligence solutions utilizing Microsoft Azure services.
- Built foundational models and integrated cloud infrastructure to support scalable AI applications.

Vice Chairperson

ACM Student Chapter, YCCE Nagpur

- Led the planning and execution of technical events, workshops, and seminars to drive student engagement.
- Coordinated cross-functional teams to manage event execution, provide technical support, and maintain operations.

EDUCATION

SKILLS

Languages and Frameworks: C/C++, DAX, HTML/CSS, Java, JavaScript, Kotlin, Python, SQL, TypeScript, Angular, OpenCV, PyTorch, React, Scikit-learn, Spring Boot, Spring Data JPA, Spring Security, Streamlit, Thymeleaf, Ultralytics, YOLOv8

Databases: MySQL

Tools: AWS Elastic Beanstalk, Azure, Docker, Git, IBM Watson, Linux, Microsoft Azure AI, Microsoft Azure Cognitive Services, Power BI, Vite

PROJECTS

Employee salary prediction

An end-to-end regression pipeline packaged as an interactive Streamlit experience. Developed an end-to-end regression machine learning pipeline utilizing Python and Scikit-learn. Deployed an interactive user web application using Streamlit to deliver salary predictions.

Python, Scikit-learn, Streamlit

Object Detection for Low Visibility Conditions

Built a real-time object detection system for autonomous driving, detecting 7 road object classes under fog, rain, snow, and nighttime conditions. Engineered a real-time object detection model utilizing PyTorch, YOLOv8, and OpenCV for autonomous driving applications.

Applied two-stage transfer learning to accurately detect 7 road object classes across fog, rain, snow, and night environments.

Python, PyTorch, YOLOv8, OpenCV

GitHub

DDoS Attack Detection & Prevention Simulator

Built a browser-based simulation modeling normal vs. DDoS-like traffic. Constructed a browser-based simulator using React and JavaScript to model normal versus malicious traffic behavior. Visualized real-time network traffic spikes, server loads, and latency metrics to demonstrate abnormal request detection.

React, Vite, JavaScript

GitHub

Additional projects: Low-visibility object detection, DDoS detection simulator, Student Admission Management System, Blinkit sales intelligence

AWARDS

Career Essentials in Cybersecurity Certification, LinkedIn Learning Cybersecurity Foundations, Microsoft Security Copilot, GATE 2026 Qualified Candidate, The Cybersecurity Threat Landscape, Vice Chairperson, ACM Student Chapter, YCCE, Cybersecurity Certifications, Career Essentials in Cybersecurity by Microsoft and LinkedIn, Cybersecurity Awareness: Cybersecurity Terminology, GATE 2026 qualified, LinkedIn Learning Cybersecurity Threat Landscape, Cybersecurity Foundations, Microsoft Career Essentials in Cybersecurity, LinkedIn Learning Cybersecurity Terminology