Prakhar Shrivastava

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EDUCATION

VIT Bhopal University   Bhopal, Madhya Pradesh
Bachelor of Technology in Artificial Intelligence   *Sept 2023 – Sept 2027*

TECHNICAL SKILLS

Programming Languages: Python, SQL, JavaScript
Data Analysis & Visualization: Power BI, Tableau, Microsoft Excel, Pandas, NumPy
Machine Learning & AI: Scikit-learn, TensorFlow, Deep Learning, NLP, Computer Vision
Databases: Oracle AI Vector DB, Vector Databases, PostgreSQL
Web Development: React JS, MERN Stack (MongoDB, Express.js, React, Node.js)
Tools & Technologies: Git, Jupyter Notebook, Postman, IAM, Geospatial Data Processing
Core Competencies: Data Structures & Algorithms, Data Wrangling, Statistical Analysis, Pattern Recognition

EXPERIENCE

Non-Technical Co-Lead   Sept 2025 – Present
KAVACH, VIT Bhopal   *Bhopal, India*

- Leading non-technical operations for KAVACH cybersecurity club, coordinating events and strategic initiatives
- Managing team communications and fostering collaboration between technical and non-technical members

AI/ML Internship Trainee   Mar 2025 – Apr 2025
Shell-Edunet Foundation x AICTE Skills4Future   *Remote*

- Completed intensive AI/ML training focused on Green Skills with AI and sustainable technology applications
- Developed hands-on projects utilizing Python for geodata processing and AI-driven environmental analysis
- Applied machine learning algorithms to geospatial datasets for pattern detection and predictive modeling
- Worked with vector databases and AI models to process and analyze large-scale environmental data

Full Stack Web Development Intern   Feb 2025 – Mar 2025
EY GDS x Edunet Foundation x AICTE   *Remote*

- Completed 6-week intensive program in MERN stack development with personalized industry mentorship
- Built full-stack web applications using MongoDB, Express.js, React, and Node.js
- Participated in masterclasses on AI tools integration, UI/UX design principles, and career development strategies
- Developed and presented a capstone project demonstrating end-to-end web application development to industry leaders

PROJECTS & ACHIEVEMENTS

Vultr Cloud Innovate Hackathon Winner – Developed innovative cloud-based solution leveraging AI/ML capabilities

FlipKart GRiD 6.0 Participant – Competed in national-level e-commerce technology innovation challenge

ArthNeeti 4.0 Competition – Participated in economics and policy-focused analytical competition

Tata Cybersecurity Analyst Simulation – Completed job simulation focused on IAM design, strategy, and implementation

Tata Data Visualization Simulation – Completed simulation on empowering business decisions through effective data insights

CERTIFICATIONS

Shell-Edunet AICTE Skills4Future | Oracle AI Vector Search Professional | Tata Cybersecurity Simulation | Deep Learning in Ecological Studies | Python Basics | React JS