

Muhammad Ibrahim

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Career objectives

AI engineering student with cloud experience, eager to build scalable intelligent systems and apply ML skills to real-world solutions

Work Experience

Intern | software productivity strategists inc, Rockville Maryland

(July 2025 – Aug 2025)

- Azure: Deployed and managed Azure VMs, configured secure VPN connections, and implemented backup/recovery policies. Automated CI/CD pipelines with GitHub Actions and Azure DevOps for zero-downtime deployments.
- DevOps & IaC: Used Bicep for Infrastructure as Code to automate resource provisioning and configured end-to-end DevOps pipelines
- Virtualization & Cloud: Managed VMs on VMware ESXi, Proxmox VE, and Hetzner Cloud. Deployed containerized applications on an IBM Kubernetes Service (IKS) cluster.
- Zimbra: Installed and configured the Zimbra mail server and integrated it with Microsoft 365 for hybrid email workflows.

PROJECTS

Formula 1 podium prediction system

(July 2025)

- Developed a Random Forest classifier achieving 0.85 recall and 0.71 precision to forecast 2025 F1 race outcomes.
- Accurately predicted 2 out of 3 podiums for Rounds 11–12.
- Engineered features by scraping driver/car/team data from Kaggle and integrating weather data via the Virtual Crossing API.
- Model integrated into a web app having F1 themed UI using Tailwind CSS and Flask as backend.

Machine learning gamebot – AI-Based Street Fighter II Bot

(May 2025)

- Real-time action prediction using Multi Output Classifier Random Forest.
- Achieved 88% action accuracy, trained on over 100+ human games.
- Served the team of 3 as lead.
- Python, NumPy, Pandas, Scikit-Learn, TensorFlow, Joblib.

SKILLS SUMMARY

- **Programming Languages:** Python, Assembly Language, SQL, Nodejs, Html, CSS
- **Libraries:** TensorFlow (Keras), Scikit-Learn, Selenium, NumPy, Pandas, CV2, Seaborn, Matplotlib ML/AI
- **Cloud services:** Microsoft Azure, Ibm cloud, Hetzner cloud

EDUCATION

Fast University, Islamabad

Bachelors in Artificial Intelligence

(Expected June 2027)

CGPA: 3.29

CERTIFICATIONS/ HONORS

- Stanford university Online: Machine Learning Specialization
- Recognized on Dean's List (spring 2025)
- IBM: Vector database for RAG