Saima Khushbakht

Email: semi2010@gmail.com | Contact: +92-334-5441837

LinkedIn: linkedin.com/in/saima-khushbakht

# Professional Summary

Motivated and skilled Artificial Intelligence Practitioner with strong expertise in machine learning, deep learning, natural language processing, and AI model deployment. Trained through AlNafi International College's in-depth AI curriculum, complemented by practical experience in Python automation, data processing, and computer vision applications. Eager to apply AI technologies to real-world problems in cybersecurity, cloud, and business analytics.

# Education

**Diploma in Artificial Intelligence & Cybersecurity Automation – AlNafi (2025)**

• Machine Learning | Deep Learning | NLP | Computer Vision  
• AI Model Deployment | Python for ML & Automation  
• Integration of AI for Cyber Threat Detection & Automation

**Diploma in SysOps & Cloud Platforms – AlNafi (2025)**

• AWS: VPC, EC2, IAM, Lambda, RDS, S3, Auto Scaling, Route 53  
• Azure Administrator (Modules 1–11) | Security Groups | CloudFormation  
• Hybrid Cloud Networking | Identity & Access Management (AD Connector)

**Diploma in DevOps & Cloud Advancement – AlNafi (2025)**

• Docker, Kubernetes (CKA, KCSA, KCNA), CircleCI, Jenkins, GitHub  
• Infrastructure as Code (Terraform, Ansible, Puppet, Chef)  
• Monitoring Tools: Nagios, Sensu, New Relic  
• Python Scripting | Automation | Flask, Selenium, JIRA Integration

**Diploma in Cloud Cybersecurity – AlNafi International College (2025)**

• Cybersecurity Essentials | Ethical Hacking & Incident Response  
• SCADA Security (ISO 27019, NIST 800-82) | SOC Analyst Training  
• Vulnerability Assessment | CIS Top 20 Controls  
• SIEM (Elasticsearch & Kibana) | ISO 27001/27017/27018 | PCI DSS   
• Certified Information Systems Security Professional (CISSP)

## Master of Computer Science (M.C.S)

*IBMS/CS Agricultural University, Peshawar* May 2003

## Bachelor of Science (B.Sc)

*University of Peshawar*

October 2000

## F.Sc. (Physics, Chemistry, Biology)

*Board of Intermediate and Secondary Education (B.I.S.E) Abbottabad* August 1997

## Matriculation (Physics, Chemistry, Biology)

*Board of Intermediate and Secondary Education (B.I.S.E) Abbottabad* May 1995

# Professional Experience

**EpicSoft Technologies**

*Data Analyst* | April 2023 – Present Key Responsibilities:

* Report generation using SSMS and SSRS to monitor and analyze data.
* Data analysis and visualization to improve decision-making.
* Collaborate with cross-functional teams to enhance business operations.

## The Excellence Academy

*Founder & Manager* | 2014 – 2023 Key Responsibilities:

* Managed day-to-day operations and curriculum development for the academy.
* Built a positive learning environment, focusing on student success.
* Coordinated various administrative duties and teacher recruitment.

## Wilson’s Pharmaceuticals

*M.I.S Officer* | 2007 – 2010 Key Responsibilities:

* Managed and maintained warehouse stock records.
* Oversaw packing material and raw material inventory tracking.
* Coordinated with other departments for smooth operations.

## Scotmann Pharmaceuticals

*Statistical Officer & HR Officer* | 2010 – 2014 Key Responsibilities:

* Managed inventory records and ensured accurate stock tracking.
* Generated Order vs Dispatches reports for efficiency analysis.
* Produced monthly and yearly comparison reports for senior management.
* Conducted training sessions for employees to improve work processes.

# Key Skills & Tools

**Cybersecurity:**

• Vulnerability Assessment & Penetration Testing (VAPT)  
• Threat Hunting with Elasticsearch  
• SOC Operations | SIEM Monitoring (Kibana, Splunk)  
• Ethical Hacking (Web & Network)  
• Incident Response Planning

**Cloud Security:**

• AWS Identity, Networking & Encryption  
• Microsoft Azure Administrator  
• SCADA/ICS Security & Detection

**DevOps / Automation:**

• CI/CD: Jenkins, GitHub, Maven, CircleCI  
• IAC: Terraform, Ansible, Chef, Puppet  
• Python Automation | Bash Scripting

**AI/ML for Security:**

• Anomaly Detection using ML  
• NLP for Log Analysis  
• Model Deployment & Data Analysis

# Technical Skills

* AI/ML Frameworks:

• TensorFlow, Keras, Scikit-learn, PyTorch

* Programming & Tools:

• Python, NumPy, Pandas, Matplotlib, Jupyter Notebooks

* Specializations:

• Machine Learning Algorithms (Classification, Regression, Clustering)  
• Deep Learning (ANN, CNN, RNN)  
• Natural Language Processing (Tokenization, Sentiment Analysis)  
• Image Recognition & Computer Vision  
• Model Evaluation & Deployment (Flask APIs, Cloud Hosting)

* Cloud & DevOps Integration:

• AWS (S3, EC2, Lambda), Azure AI Services  
• Docker, Kubernetes for ML Ops

# Projects & Practical Labs

• Developed and deployed ML models for anomaly detection in security logs  
• Created NLP pipeline for text classification and sentiment analysis  
• Built and hosted a Flask-based AI model for disease prediction  
• Implemented computer vision for object detection in CCTV footage  
• Used deep learning to automate document classification from scanned forms

# Soft Skills

• Analytical Thinking | Curiosity & Problem Solving | Innovation  
• Clear Communication | Team Collaboration | Project Ownership

# Languages

• English: Fluent  
• Urdu: Native