

Haseeb Shoukat

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Location: Faisalabad, Pakistan | **Portfolio:** haseebsshaukat.github.io/Resume_live/

LinkedIn: linkedin.com/in/haseeb-shoukat-5ab0a02b3/ | **GitHub:** github.com/Haseebsshaukat

Professional Summary:

Bachelor's in Computer Science **graduate with hands-on experience in** full-stack development, Generative AI, and Machine Learning, **along with practical experience in** DevOps automation and cloud infrastructure. **Proficient in** fine-tuning deep learning models (**Transformers, RNNs, LSTMs**) **for large language models (LLMs) and deploying scalable AI solutions. Strong background in** backend development, API design.

Passionate about **AI innovation**, with a problem-solving mindset and a commitment to writing **clean, maintainable code**. Combines **technical skills with leadership experience**, having mentored peers and contributed to collaborative projects. Eager to apply **cutting-edge AI and DevOps solutions** in a fast-paced tech environment to drive impactful advancements.

Education

BS in Computer Science

FAST-NUCES (CFD Campus)

08/2021 - Present

FSc (Pre-Engineering)

Punjab Group of College, Faisalabad

08/2019 - 02/2021

Matriculation

Divisional Public School, Faisalabad

06/2017 - 05/2019

Experience

Freelancing (Web Development)

06/2024 – present

- Collaborated in the development of full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- Built and optimized RESTful APIs for seamless communication between frontend and backend systems.
- Enhanced user experience by designing and implementing responsive and interactive user interfaces.
- Participated in code reviews, debugging, and performance optimization to ensure application efficiency.
- Worked closely with a team to deliver high-quality solutions within deadlines.

Internship (Web Development)

Entracloud 06/2024 – 11/2024

- Collaborated in the development of full-stack web applications using MongoDB, Express.js, React.js, and Node.js.
- Enhanced user experience by designing and implementing responsive and interactive user interfaces.

Teaching Assistant

FAST-NUCES 01/2025 – Present | 09/2024 – 01/2025 | 02/2023 – 06/2023

- Currently assisting for the course Object Oriented Programming.
- Assisted in the Object Oriented Programming course, supervising 53 students.
- Assisted in the Object Oriented Programming course, supervising 57 students.
- Responsible for designing and creating assignments and quizzes. Moreover, conducting viva for the assignments and projects is also one of my responsibilities.
- **Contact:** [Dr. Anwar Shah](#) | [Sir Muiz Qadir](#)

Usher (Job Fair)

FAST-NUCES | 04/2023 - 04/2024

- Awarded Best Usher 2024.
- Coordinated volunteer duties and ensured smooth event operations.

Skills

- **Programming Languages:** C++, C#, HTML, CSS, JavaScript, TypeScript, Python, Bash Scripting
- **Frameworks, Libraries & Tools:** React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, Bootstrap, WordPress
- **Tools and Platforms:** Figma, Github, Visual Studio, VS Code, Cisco Packet Tracer
- **DevOps Tools:** Docker, Kubernetes, Terraform
- **Generative AI & LLMs:** Familiar with deep learning models (RNN, LSTM, Transformers) and their applications. Experience in fine-tuning LLMs like GPT and LLaMA models.

- **Soft Skills:** Project Management, Leadership, Communication, Problem Solving, Mathematics
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Projects

IELTS Mastery Learning Platform (Final Year Project) | 09/2024 - Present

- Front-end development using Next JS
- Back-end development using Node JS, Python
- Database: PostgreSQL
- Description: Developing an advanced IELTS preparation platform with a personalized dashboard and generative AI tools for real-time writing and speaking feedback.

FarmToday E-Commerce Platform (Web Development Course Project) | 04/2023

Front-end: HTML5, CSS3, Bootstrap, EJS

- Back-end: Node.js, Express.js
- Database: MongoDB
- Developed a full-featured agricultural e-commerce platform with secure user authentication (bcrypt), product catalog, and responsive design
- Implemented form validation, session management, and email functionality using Nodemailer

Roman Urdu Poetry Generator | 02/2025

- Deep learning-based poetry generation using LSTM in PyTorch.
- Tools: Python, PyTorch, Streamlit, Google Colab
- Description: Developed an AI-powered poetry generator that creates structured Roman Urdu poetry using a word-level LSTM model. Implemented data preprocessing, tokenization, and text generation techniques, and deployed an interactive Streamlit web app for user-friendly poetry generation.

SpeakVerse - Multilingual Audio Translation | 02/2025

- **AI-powered multilingual speech translation** using Whisper and text-to-speech models.
- **Tools:** Python, Whisper, Transformers, Streamlit, Torch, gTTS.
- **Description:** Developed a **real-time audio translation** application that transcribes spoken English using **Whisper**, translates text into multiple languages, and generates natural-sounding speech using **text-to-speech models**. Designed an interactive **Streamlit UI** for an intuitive user experience.

Tarjuman - Arabic to English Translation | 03/2025

- **AI-driven text translation** using Transformer-based NLP models.
- **Tools:** Python, Transformers, PyTorch, Streamlit, Helsinki-NLP.
- **Description:** Built a **real-time translation application** that converts **Arabic text to English** using **Helsinki-NLP's Transformer model**. Integrated a **dark-themed Streamlit UI** for an intuitive user experience and optimized inference for fast, accurate translations.

Student Management System | 04/2023

- Designed a Windows Forms application for managing student records using C# and Oracle DB.

Inter-City Communication Network | 11/2023

- Implemented routing protocols and VLAN in Cisco Packet Tracer.

Console-Based Candy Crush Game | 12/2021

- Developed a console-based game with functional candies.
 - Tools & Technology: C++, Visual Studio
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Certifications

- Teacher's Assistant Certificate (2023,2024, 2025)
 - Best Usher 2024 (Job Fair)
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Interests

- Badminton
- Driving
- Tourism