MUHMMAD HASEEB

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EXECUTIVE SUMMARY

A highly skilled **Full-Stack AI Engineer** with over **5+ years** of experience developing enterprise-level AI solutions and full-stack applications. Proficient in **Python**, **Java**, **JavaScript**, **ReactJS**, and **AI**. Achieved **90%+ accuracy** in predictive models and managed projects used by **100K+ users**. Developed and integrated AI-powered features into applications, managed end-to-end projects, and led teams with adaptive, collaborative, and excellent communication skills.

FUNCTIONAL EXPERTISE

- **Full-Stack Development**
- **Machine Learning / Deep Learning**
- **Cloud & DevOps**
- **Database Management**
- **API Development**
- **Frontend Development**
- **Project Management**

FUNCTIONAL EXPERTISE DEMONSTRATED

Upwork/Linkedin (Remote)

May 2020 – Present

Full Stack AI Engineer

Help businesses innovate and grow by developing full-stack applications integrated with state-of-the-art AI and Machine Learning models.

AI Auto Invoice Processing: Led the development of a sophisticated AI project that automates invoice processing using deep learning and computer vision.

> **Technologies Used**: Python, ReactJS, Node.js, PyTorch, Transformers, NLP, MLOps.
>
> **Achievements**:
> - Designed and implemented the full-stack solution, including a user-friendly frontend interface and robust backend services.
> - Reduced manual invoice processing time by **70%**.
> - Served over **100K+ customers** with instant, lag-free processing results.

Data Scientist at Sony PlayStation: Developed a backend data processing system to handle ETL operations for large datasets (~400K+ rows).

> **Technologies Used**: Java, Spring Boot, GCP, GitHub, CI/CD.
>
> **Achievements**:
> - Integrated cloud services and implemented CI/CD pipelines for efficient deployment.
> - Reduced ETL processing time from **1 hour to 30 seconds**, achieving a **120x improvement**.

WellKom International: Led the full-stack development of healthcare and wellness solutions serving over **2 million users**.

> **Technologies Used**: Java, Spring Boot, ReactJS, Microservices Architecture.

Achievements:

- Implemented microservices architecture to handle high volumes of concurrent requests.
- Managed a team of **8 developers**, ensuring system scalability and reliability.

Stock Exchange Prediction: Developed a full-stack application for stock price prediction using a deep learning model (N-BEAT).

Technologies Used: Python, TensorFlow, ReactJS.

Achievements:

- Built an interactive dashboard using ReactJS.
- Delivered predictions with **~90% accuracy**.

Collecting Local City Content: Built a scalable web application that crawls data from car marketplaces and presents it in a user-friendly interface.

Technologies Used: Node.js, ReactJS, MongoDB, AWS.

Achievements:

- Handled **~15K+ cars** with **~150+ new entries daily**.
- Managed, monitored, and maintained the complete project infrastructure.

Collecting Car Marketplace: An ongoing project where crawl data for cars from 3 websites, generating data of ~15k+ cars, with ~150+ data added daily. I create, manage, monitor, and maintain the complete project.

AI Auto Instagram Collage Maker: bigwigmonster is the largest printing media in California. App auto generates collages and collects photos directly from the user's Instagram ID, with a single click using computer vision to determine photo placement on the masked areas like Google Photos AI Collage Maker but with complex image placements. The app served ~50K+ users with daily ~500+ daily usage.

MicroKosm
Jan 2019 – Jan 2020
Asst. Data Scientist and AI Engineer
Assisted in managing and executing high-priority projects, working closely with cross-functional teams.

Forecasting and Data Analysis:

Technologies Used: Python, Power BI, ReactJS.

Achievements:

- Developed full-stack solutions for clients in the USA, UAE, and Germany.
- Built insights for Telenor Telecommunication Company using their 4 months of data.

Database Management/DevOps:

Technologies Used: AWS, GCP, Docker, Kubernetes.

Achievements:

- Managed and monitored databases hosted on cloud platforms.
- Implemented DevOps practices for efficient deployment and scaling.

Machine Learning / Deep Learning:

Technologies Used: Python, TensorFlow, Scikit-learn.

Achievements:
- ○ Assisted in integrating machine learning models into production systems.
- ○ Developed APIs using Flask and FastAPI for model deployment.

RELEVANT PROJECTS

Biometric Iris Recognition Security System:
- **Role**: Designed, managed, and developed a complete biometric solution using Dr. John Daugman's algorithm.
- **Technologies Used**: Python, Flask, OpenCV
- **Achievements**:
  - ○ Built the full-stack application with a secure backend and intuitive frontend interface.
  - ○ Enhanced security measures and user authentication processes.
- **Date**: March 2020

EDUCATION

Bachelor of Engineering (Avionics Engineering). The Superior University (Lhr, PK)

Additional Professional Development:
- TensorFlow Developer Certificate in 2022: Zero to Mastery (Cert. #: UC-3b749f86-3c07-4a55-8b02-1ae41179c801)– Udemy (2022)

VOLUNTEERISM

Teaching: Help my colleagues learn Python and C++.

OTHER RELEVANT INFORMATION

Additional Languages: Urdu/Hindi (Native), English (Fluent)

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, Node.js
Frontend Technologies: ReactJS, Next.js, Angular
Backend Technologies: Spring Boot, Flask, FastAPI, Express.js
Machine Learning & AI: TensorFlow, PyTorch, Scikit-learn, LangChain, Llama-index, Large Language Models (LLMs), MLOps, SpaCy, Computer Vision, NLP
Data Visualization & Analysis: Tableau, Power BI, Plotly, Apache Spark
Cloud & DevOps: AWS, GCP, Azure, Docker, Kubernetes, Jenkins, CI/CD
Database Management: MySQL, PostgreSQL, MongoDB, AWS RDS
Version Control & Collaboration Tools: Git, GitHub, Trello, Slack, Asana

Awards: Clubs Communication Head —University's Student Club (2019)