Muhammad Zaheer

DATA SCIENTIST

ABOUT ME

Proven success in streamlining operations and deploying cutting-edge algorithms, achieving a remarkable 30% reduction in manual screening and a 25% improvement in interview efficiency. Demonstrated expertise in optimizing web application testing, slashing time by 50%, and reducing data processing efforts by 70%, leading to a substantial 30% decrease in pentesting costs through Python automation. Committed to continual advancement, resulting in a quantifiable 15% overall process efficiency boost. Proficient in an extensive array of technical skills, encompassing software development, machine learning, computer vision, natural language processing, software engineering, visualization, algorithms, image processing, time series analysis, neural networks, Linux administration, transfer learning, reinforcement learning, generative AI, and DevOps. This diverse skill set contributes significantly to achieving impactful outcomes in projects and operations.

PERSONAL DETAILS

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EXPERIENCE

- **Ejad Labs**

  SOFTWARE ENGINEERING TRAINEE March 2023 - Present

  Engineered a fully functional web application to optimize operational workflows and enhance user interaction.
  Devised a resume scoring system based on intricate criteria, resulting in a 30% reduction in manual screening efforts.
  Constructed an automated AI interviewer using advanced machine learning techniques (GAN, computer vision), accelerating decision-making processes by 40%.
  Innovated a real-time GAN-based visual interviewer, improving interview efficiency by 25%.
  Integrated solutions into a comprehensive HR project, incorporating NLP, deep learning, web development, GAN, and computer vision.
  Achieved substantial cost savings and a remarkable 70% reduction in candidate selection and onboarding timelines.

- **Government of Pakistan**

  PYTHON DEVELOPER & RED TEAMER January 2022 - January 2023

  Decreased web application penetration testing time from 20 to 10 hours, resulting in direct labor cost savings and heightened security effectiveness.
  Reduced data extraction and conversion time by 70%, delivering concrete time savings for machine learning projects and mitigating resource-intensive manual tasks.
  Realized a 30% cut in pentesting expenditures by adopting Python automation for routine testing, providing a direct impact on the budget allocation for security initiatives.
  Improved team efficiency by 20% through seamless collaboration, ensuring the smooth integration of automated solutions across diverse functional teams without disruptions.
  Instituted new tools and methodologies, resulting in a 15% boost in overall process efficiency. This measurable outcome underscores a commitment to technological relevance and operational efficiency.

COURSES

- **Python Development**
  ALNAFI
- **ZTM Pytorch Mastery**
  ZTM
- **ZTM Tensorflow Mastery**
  ZTM
- **Deep Learning Advanced**
  COURSERA
- **Machine Learning and EDA**
  UDEMY
- **Linux Advanced**
  ALNAFI
- **CI/CD**
  YOUTUBE
- **Web Development**
  YOUTUBE
- **Continuous Learning**
  INTERNET

SKILLS

Python	Deep Learning	Machine Learning
Tensorflow	Pytorch	Fast AI
Django	Flask	FastAPI
MySQL	MongoDB	PostgreSQL
Scikit-learn	EDA	Neural Networks
Computer Vision	Natural Language Processing	Reinforcement Learning
Generative AI	Transfer Learning	Time Series
DevOps	Git	Kubernetes
Docker	Data Structures	Software Development
Nginx	Linux Administration	DSA
SDLC	Databases	SQLite
Data Science Frameworks	Keras	Streamlit
Machine Learning Skills	Applied Mathematics	Data Modeling and Evaluation
Convolutional Neural Networks (CNN)	Recurrent Neural Networks (RNN)	Generative Adversarial Networks (GAN)
Web Development	HTML5, CSS3	Bootstrap
RESTful APIs	Responsive Design	CI/CD
Algorithms		