August Shaw

Applied AI Research Engineer

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SUMMARY

Dynamic Tech Solutions seeks an Applied AI Research Engineer adept in deploying powerful AI solutions. Strong collaboration with cross-functional teams highlights focus on innovative applications of generative AI. Skilled at developing tools for cloud architectures, particularly using AWS and GCP. Experience includes successful deployment and integration of scalable working systems. Committed to ensuring compliance with software development best practices, meeting thoughtful project goals, while showing dedication towards research efforts centered on AI technologies.

EXPERIENCE

AI Engineer

Tech Innovations Inc. March 2021 - Present Chicago, IL

At Tech Innovations Inc., oversees design and deployment of advanced AI models that boost business intelligence initiatives. This role requires a blend of creativity and technical acuity for improved application outcomes.

- Developed advanced AI models enhancing key business intelligence components.
- Collaborated with product teams integrating AI capabilities into established platforms, empowering productivity.
- Designed robust cloud architectures leveraging AWS ensuring streamlined AI deployments.
- Promoted collaborative discussions about new AI capabilities with cross-departmental stakeholders.

Junior AI Developer

NextGen Solutions January 2019 - February 2021 Chicago, IL

Facilitated growth as Junior AI Developer at NextGen Solutions through honing machine learning techniques while fostering cloud solutions that broaden operational scope, steadily enhanced model preciseness.

- Contributed to building machine learning models from scratch designed for cloud environments, fostering adaptability.
- Assisted in data preprocessing, implementing feature engineering methods boosting overall model performance.
- Supported the deployment processes of AI tools across a diverse cloud environment focusing on GCP efficiencies.
- Engaged actively in workshops fostering an agile responsivity among team members comparting current challenges faced in projects.

Research Intern

University of Illinois June 2018 - August 2018 Champaign, IL

As a Research Intern at University of Illinois, focused research efforts on strategic AI algorithms revolutionizing data analysis methodologies, closely aligning academic study with real-world applicability.

- Contributed extensively to ongoing research into AI algorithmic improvements focused on data analytical projects.
- Collaborated closely with faculty members, producing findings for publication which significantly shaped project direction.
- Prepared presentations of research findings maintaining clarity matching a professional audience standard.
- Conducted literature reviews ensuring all sources met rigorous academic benchmarks enhancing publication quality.

PROJECTS

AI Deployment Project December 2025

Led a pivotal project deployable within varying industries, utilizing adaptable AI technologies via cloud infrastructure to automate routine operations of task information transfer.

Cloud Architecture Optimization July 2024

Streamlined previous cloud configurations improving resource allocation processes aimed at increasing efficiency in multi-tenant services geared towards AI solutions.

LEADERSHIP & AWARDS

- Received 'Innovative Tech Practitioner Award' for significant contributions to AI tool optimization at Tech Innovations.
- Recognized as 'Outstanding Contributor' during prominent university research symposium reflecting excellence in AI advancements.

EDUCATION

Bachelor's Degree in Computer Science

University of Illinois GPA: 3.8 2018 Champaign, IL

Coursework: *Software Engineering, Cloud Computing, Machine Learning, AI Algorithms*

CERTIFICATIONS

- AWS Certified Solutions Architect 2021
- Google Cloud Professional Data Engineer 2021

TECHNICAL SKILLS

- **Programming Languages:** Python, Java, R
- **Cloud Platforms:** AWS, GCP, Azure
- **ML Frameworks:** TensorFlow, Keras, PyTorch
- **Database Technologies:** PostgreSQL, MongoDB, SQL Server
- **Tools and Software:** Git, Docker, Jupyter Notebook
- **CI/CD Tools:** Jenkins, CircleCI, TravisCI
- **Frameworks:** Flask, Django, FastAPI
- **Operating Systems:** Linux, Windows, macOS
- **Data Visualization:** Tableau, Matplotlib, Seaborn
- **Agile Methodologies:** Scrum, Kanban, Lean

SKILLS

- Python
- AWS
- GCP
- Machine Learning
- Cloud Architecture
- Data Analysis
- AI Technologies
- Cloud Deployments
- Generative AI
- Data Processing
- Feature Engineering
- Collaboration
- Problem Solving
- Research Analysis
- Project Management
- Workshops

PROFESSIONAL AFFILIATIONS

- Active member of the AI & Data Science Society promoting new learnings and networking opportunities.
- Participates regularly in hackathons driving community outreach through technology-related events targeted at AI and Development.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST