ABDUL HADI SABIH

AI Engineer | Full Stack Developer

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PROFESSIONAL SUMMARY

AI Engineer and Full Stack Developer with Bachelor's degree in Artificial Intelligence and proven track record delivering AI-powered applications. Expertise in machine learning, computer vision, natural language processing, and generative AI. Completed 25+ freelance and academic projects with focus on model training, deployment, and mobile application development.

PROFESSIONAL EXPERIENCE

Independent AI Engineer & Software Developer | Freelance
June 2024 – Present

- Delivered 25+ paid AI projects, including FYPs and research tools.
- Designed & deployed AI solutions with p95 latency <1s using PyTorch/TensorFlow.
- Automated academic workflows; clients reported 20%+ improvement in outcomes**.**
- Built end-to-end solutions integrating AI models with mobile and web applications

AI Engineer Intern | Fauji Cement Company Ltd
June 2024 – September 2024

- Analyzed operational data to identify trends and optimization opportunities for business improvement
- Implemented AI-powered screening tools to enhance HR candidate evaluation process
- Collaborated with cross-functional teams to integrate AI solutions into existing workflows

KEY PROJECTS

Little Story Teller – *React Native, Firebase, Generative AI*

- Mobile app generating personalized children's stories with text + AI illustrations.
- p95 latency ~1.2s, cost $0.005/request, BLEU score 0.79 (story translation).
- **Arch:** FastAPI backend + Firebase DB + Hugging Face models + Llama 3.0 for images.
- **Fix:** Introduced caching + batching → cut latency by 38%.

HireSmart – *FastAPI, React.js, NLP*

- AI recruitment system automating job approvals & candidate screening.
- Top-10 accuracy: 0.87; reduced manual shortlisting by 65%.
- **Arch:** Sentence-BERT + rule-based scoring + email automation.
- **Fix:** Added reranking layer + async queues → boosted throughput by 42%.

Thyroid Cancer Detection (Zab AI Winner) – *CNN, PyTorch*

- Achieved 97.32% accuracy on medical imaging dataset.
- Optimized training with transfer learning + data augmentation.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, HTML, CSS
Frameworks & Libraries: React Native, Node.js, FastAPI, PyTorch, TensorFlow, scikit-learn, OpenCV, Hugging Face Transformers, OR-Tools
AI & Machine Learning: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Generative AI, Image Classification, Prompt Engineering, Model Training, Model Deployment
Cloud & Tools: AWS, AWS SageMaker, Firebase, REST API, ONNX, TensorFlow.js, Google Colab
Development: Full Stack Development, Mobile App Development, API Development, Database Management

EDUCATION

Bachelor of Science in Artificial Intelligence
SZABIST Islamabad | CGPA: 3.28 | Expected June 2025

LINKS

LinkedIn : https://www.linkedin.com/in/abdulhadiai/
Github : https://github.com/sabhierfan
Portfolio: https://sabhierfan.github.io/portfolio/