

ID CANDIDATE	ROLE	AVAILABILITY
9571	AI Architect	30 days

PROFILE RESUME

Innovative and results-driven AI Architect with over 10 years of experience designing, developing, and deploying advanced artificial intelligence and machine learning solutions. Proven expertise in transforming business challenges into AI-driven opportunities, with a strong focus on scalability, performance, and ethical AI practices. Passionate about leveraging cutting-edge technologies to drive digital transformation and operational efficiency across industries.

TECHNICAL SKILLS

Python, R, Scala, SQL, C++, TensorFlow, PyTorch, Keras, Scikit-learn, Apache Spark, Kubernetes, Docker, PostgreSQL, MongoDB, Cassandra, Redis, AWS (SageMaker, EC2, Lambda), Azure (ML Studio, Cognitive Services)

EXPERIENCE

Insurance

01/2022 – present

Lead AI Architect

- Leading the design and implementation of core systems of AI platform to optimize data driven decision-making processes
- Supporting the full software stack across the life cycle, from concept to production
- Collaborating with software and backend teams throughout various stages of platform development
- Assessing the architectural needs for projects, working with Development Leads and Designers to scope and craft proposals
- Facilitating client discussions to gather underlying data and solution requirements
- Documenting key deliverables associated with the overall strategy and delivery phases of large-scale data and analytics programs
- Providing end-to-end technical guidance and expertise. Creatively applying cloud infrastructure and platform services to help solve business problems, and communicating these approaches to different business audiences

AWS, SageMaker, MS Azure, Oracle, Ab Initio, Data Stage, Kubernetes, Jenkins, GitLab, Terraform, Ansible, PyTorch (AI)

Technology

01/2018 – 12/2021

Senior AI Architect

- Spearheaded the design and implementation of AI-driven solutions, improving operational efficiency by 25% for clients in healthcare, finance, and retail.
- Led a cross-functional team of 10 engineers and data scientists to develop scalable machine learning pipelines and deploy models to production using MLOps frameworks.
- Designed advanced NLP solutions for sentiment analysis, chatbots, and document classification, reducing manual effort by 30%.

- Partnered with stakeholders to define AI strategies, ensuring alignment with business objectives and industry regulations.
- Improved model performance through hyperparameter tuning, feature engineering, and model optimization techniques.

Python, PyTorch, Scikit-learn, Google Cloud AI Platform, BigQuery, Terraform, Airflow, MongoDB.

Automotive

09/2014 – 12/2017

AI Solutions Architect

- Delivered end-to-end AI solutions for clients, including predictive analytics systems, recommendation engines, and fraud detection algorithms.
- Architected a cloud-based big data platform, enabling the processing of 5+ terabytes of data daily.
- Collaborated with data engineers to design ETL pipelines and ensure seamless data integration for machine learning workflows.
- Conducted workshops and training sessions to upskill teams on AI technologies and best practices.
- Streamlined AI model deployment processes, reducing time-to-market by 20%.

R, Scala, Hadoop, Spark, AWS Lambda, Azure ML Studio, Kafka, Cassandra

Energy

07/2011 – 08/2014

Machine Learning Engineer

- Managing a team of 2 data engineers (supporting and mentoring)
- Developed and deployed machine learning models for image recognition, anomaly detection, and customer segmentation.
- Built and maintained scalable data pipelines, ensuring efficient preprocessing and model training.
- Conducted research on state-of-the-art deep learning techniques, implementing findings to improve model accuracy.
- Collaborated with software developers to integrate AI solutions into existing applications.
- Authored technical documentation and research papers to share insights with internal teams.

C++, OpenCV, TensorFlow, MySQL, Flask, Docker, Jenkins

LANGUAGES

English: C1

COURSES AND CERTIFICATION

First Certificate in English (FCE)	2002
Data Science Professional Certificate	2014
SPSS Modeler - Advanced Modeling	2015
DataStage Developer	2017
Ab Initio Developer	2018

EDUCATION

Wrocław University of Technology	Computer Science	Master
Wrocław University of Technology	Computer Engineering	Bachelor

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