JOHN A. DOE

Software Engineer | Machine Learning | Data Systems

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 5+ years of experience building scalable backend systems, machine learning pipelines, and data-driven applications. Strong background in Python, distributed systems, and applied NLP. Experienced working in cross-functional teams and delivering production-ready solutions.

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, JavaScript, SQL

Frameworks & Libraries: Flask, FastAPI, React, TensorFlow, PyTorch, scikit-learn

Data & ML: Natural Language Processing (NLP), Feature Engineering, Model Evaluation, ETL Pipelines

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, GitHub Actions, Linux

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER
Acme Technologies Inc. — New York, NY
June 2021 – Present

- Designed and implemented REST APIs using Flask and FastAPI serving over 1M requests/day
- Built NLP pipelines to extract structured data from unstructured documents (resumes, PDFs)
- Improved system performance by 35% through query optimization and caching strategies
- Collaborated with product managers and designers in an Agile environment

JUNIOR SOFTWARE ENGINEER
Beta Analytics LLC — Remote
July 2019 – May 2021

- Developed data ingestion pipelines for analytics dashboards
- Assisted in training and evaluating machine learning models for classification tasks
- Wrote unit and integration tests to improve code reliability
- Participated in code reviews and sprint planning

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE
University of Example — Example City, State
Graduated: May 2019

Relevant Coursework: Data Structures, Algorithms, Databases, Machine Learning, Operating Systems

PROJECTS

RESUME PARSING ENGINE
Built a resume parsing tool to extract skills, experience, and education using spaCy and custom rule-based heuristics. Achieved 92% accuracy on labeled test resumes.

RECOMMENDATION SYSTEM
Implemented collaborative filtering and content-based recommendation models and deployed models using Docker and AWS.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate
Google Data Analytics Certificate

PUBLICATIONS

Doe, J. (2022). *Automated Information Extraction from Unstructured Resumes.* Journal of Applied Machine Learning

VOLUNTEER EXPERIENCE

TECHNICAL MENTOR
Code for Good Initiative
Mentored junior developers in Python and web development fundamentals

ADDITIONAL INFORMATION

Work Authorization: Authorized to work in the United States
Languages: English (Native), Spanish (Conversational)
Interests: Machine Learning, Open-Source Software, Technical Writing