

KUSH CHAUDHARY

Ames, Iowa

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Education

Iowa State University <i>Master of Science in Artificial Intelligence</i>	Aug. 2024 – May 2026 Ames, IA
Pittsburg State University <i>Bachelor of Business Administration in Programming/Business Analytics (GPA: 3.5)</i>	Graduated Dec. 2023 Pittsburg, KS

Experience

Telligen <i>Software Engineer Intern</i>	May 2025 – Aug. 2025
<ul style="list-style-type: none">Engineered a proof-of-concept AI feature for the Qualitrac healthcare suite to automate data extraction from PDF assessments.Developed a Java-based backend service that orchestrated an OCR-to-LLM data pipeline for efficient text processing.Utilized Tesseract for OCR and a proprietary LLM to parse unstructured text, converting it into validated, structured JSON.Presented the PoC to stakeholders, demonstrating a potential 80% reduction in manual data entry time for key forms.	
SelectQuote <i>Database Developer Intern</i>	Jan. 2023 – May 2025 Overland Park, KS

Projects

AI-Powered Document Digitization (Internship Project) <i>Java, OCR, Tesseract, LLMs</i>	Summer 2025
<ul style="list-style-type: none">Engineered a Java workflow integrating OCR for text extraction from unstructured PDF healthcare assessments.Leveraged a proprietary LLM to intelligently parse extracted text and convert it into a structured JSON format for database ingestion.	
Automated Short Answer Grading using NLP <i>Python, DistilBERT, TF-IDF, Gemini</i>	Spring 2025

Technical Skills

Languages: Python, Java, C#, JavaScript, SQL, T-SQL

Developer Tools: Git, Jira, Bitbucket, Confluence, VS Code, PyCharm

AI/ML Frameworks: PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, BERT, VEO3, ElevenLabs

Technologies: Agile/Scrum (SFPC Certified), OCR, LLMs, REST APIs