

Rajesh Kodaganti

AI Software Engineer

Redmond, WA • rajeshkodaganti.work@gmail.com • [LinkedIn](#) • [GitHub](#) • [Microsoft Learn](#)

SUMMARY

AI Software Engineer specializing in applied AI, data engineering, and cloud-native Azure solutions. Microsoft-certified across Azure AI, Data, and DevOps, with a focus on LLM-powered automation and document intelligence.

TECHNICAL SKILLS

Cloud & DevOps: Microsoft Azure, Microsoft DevOps, Docker, Apache Airflow, IT Service Management (ITSM)

AI & Data Engineering: Azure AI, Microsoft Fabric, Generative AI, OpenAI API, Python, SQL

Tools: GitHub Copilot, Microsoft 365, Atlassian Suite

EXPERIENCE

Microsoft

Mar 2026 – Present

AI Software Engineer (Contract) | Redmond, WA

- Architecting and developing AI software solutions across Microsoft engineering workflows.
- Building and integrating LLM-powered features and automation into production systems.

Quadrant Technologies

Aug 2025 – Present

AI Software Engineer (Full-time) | Redmond, WA

- Designed and implemented ETL processes for security logs and vulnerability reports.
- Leveraged machine learning to analyze threat intelligence data and inform mitigation strategies.

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Jan 2025 – May 2025

Solutions Engineer Intern | Los Angeles, CA

- Collaborated with sales and technical teams to align customer needs with product capabilities.
- Developed and customized technical demonstrations to showcase product features.

EDUCATION

California State University, Northridge

2022/08 – 2025/05

Master of Science - MS, Computer Engineering

Jb Institute Of Engineering and Technology

2019/07 – 2022/06

B-Tech, Electronics and Communication Engineering | GPA: 7.45

SELECTED PROJECTS

JobPilot: AI-Powered Job Application Co-Pilot | [link](#)

JavaScript, Python, Cloudflare Workers, Anthropic API, AES-GCM

A lightweight, browser-only application that streamlines the job search through AI automation. JobPilot aggregates listings from Adzuna, JSearch, and USAJobs so users can find roles and optimize their application materials in one place.

Sentinel: Autonomous DevOps Orchestrator | [link](#)

Azure OpenAI, GitHub Copilot, MCP, JavaScript, DevOps

An AI-driven bridge between Jira and GitHub designed to automate the manual overhead of the DevOps lifecycle, taking tickets from 'To Do' to 'Done' with minimal human intervention. Associated with Quadrant Technologies.

GasOps MTR extraction | [link](#)

Azure Document Intelligence, OpenAI API, Python, FastAPI, API Testing

Designed a robust system for JSON extraction and document intelligence using Azure OCR and OpenAI.

Image Denoising using Deep Learning | [link](#)

Python, TensorFlow, PyTorch

Developed ConvIR, a deep learning framework for image denoising targeting additive white Gaussian noise (AWGN) using a dual-domain learning approach. Associated with California State University, Northridge.

SELECTED CERTIFICATIONS

Fabric Data Engineer Associate • Azure AI Engineer Associate • DevOps Engineer Expert • Azure Administrator Associate • Azure Data Scientist Associate • SQL AI Developer Associate • Microsoft Azure AI Essentials Professional Certificate • Career Essentials in GitHub Copilot Professional Certificate • Docker Foundations Professional Certificate