

SIDDHARTH DILIP KALANTRI

Accessibility Engineer | Full-Stack Developer | AI & Cloud Enthusiast

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Transcript: Microsoft Certification Transcript | Languages: English, Hindi, Marathi

PROFESSIONAL OVERVIEW

Visually impaired Accessibility Engineer, Full-Stack Developer, and AI Enthusiast with over 20 years of daily screen reader experience (NVDA, JAWS). Seeking online opportunities in accessibility auditing, AI/ML development, and cloud computing. Proficient in Python, Node.js, Express, Azure Cloud, and accessibility evaluation using assistive technologies.

TECHNICAL & ACCESSIBILITY EXPERTISE

Domain	Technologies & Tools
Accessibility Auditing	WCAG 2.2 AA, NVDA, JAWS, Keyboard Navigation, Axe, WAVE, Accessibility Insights, Section 508
Full-Stack Web	JavaScript (Node.js, Express.js), EJS Templates, Python (Flask), HTML5, CSS3, REST APIs, JSON
AI & Data Engineering	Retrieval-Augmented Generation (RAG), Vector Search, Embeddings, OpenAI APIs, SQLite3, Oracle DB
Cloud & Infrastructure	Microsoft Azure (AZ-900 Certified), Oracle Cloud Infrastructure (OCI), Docker, Git, GitHub, PowerShell, Linux
Accessible Office Tools	Microsoft Word, Microsoft Excel (Advanced Data Handling), Microsoft Outlook (Accessible Workflows)

FEATURED SOFTWARE & ACCESSIBILITY PROJECTS

LawGPT — Legal RAG Chatbot

[Node.js](#) | [Express](#) | [Python](#) | [Vector Search](#) | [SQLite](#)

- Designed an accessible AI assistant to interpret complex Indian legal texts (Constitution of India & Bharatiya Nyaya Sanhita 2023).
- Translates legal statutes into Grade-8 simple English summaries with automated inline source citations.
- Engineered a keyboard-first, screen-reader-friendly UI with WCAG 2.2 compliance.

AgriQuery — Mandi Commodity Price Chatbot

[Node.js](#) | [Express](#) | [SQLite3](#) | [OpenAI API](#) | [Cron](#)

- Built a web chatbot fetching real-time agricultural market prices directly from official government APIs (data.gov.in).
- Supports natural language queries in English and Hindi synonyms using custom fuzzy matching algorithms.

A11Y Insights — Web Accessibility Awareness Platform

[HTML5](#) | [CSS3](#) | [JavaScript](#) | [Accessibility Auditing](#)

- Developed an educational website demonstrating WCAG testing techniques, screen reader interactions, and inclusive code samples.

DECTalk Speech Synthesizer — 64-Bit Modernization

[Python](#) | [C++](#) | [NVDA Add-on API](#)

- Updated and modernized the DECTalk speech synthesizer add-on for full 64-bit compatibility with NVDA 2026.1.

CERTIFICATIONS & PROFESSIONAL TRAINING

Certification Title	Issuing Body	Achievement / Date
Microsoft Certified: Azure Fundamentals (AZ-900)	Microsoft	Official Certified
Azure Data Engineering	GiftAbleD & Publicis Sapient	96% Score (June 2025)

Certification Title	Issuing Body	Achievement / Date
Web Development & Accessibility Testing	Technical Training Institute of PBMA & HSBC	Grade A (Above 80%)
Fundamentals of AI and Machine Learning	Technical Training Institute of PBMA & VIT Pune	FY 2023-2024
Digital Accessibility Testing (DAT)	Vision-Aid India	Completed (July 2025)
SQL Program	Vision-Aid India	Oct 2024 - Jan 2025
ChatGPT Program	Vision-Aid Academy	February 2024
Accessible Math with LaTeX	DivyaAbility Foundation	16-Hr Course (Jan 2025)
Fundamentals of Outlook for Visually Impaired	EnAble India & Rotary Cochin	Grade: Excellent (Feb-Mar 2024)
Advanced Communication Course	EnAble India	Grade A (Sept 2024)
Advance Microsoft Excel	EnAble India & Rotary Cochin	Grade Good
Section 508 Awareness	Online Training	July 2023

EDUCATION & ADDITIONAL EXPERIENCE

- **Bachelor of Science (B.Sc.) in Drugs and Dyes Chemistry:** BNN College, Bhiwandi, Maharashtra.
- **Software & Accessibility Developer (2022 – Present):** Self-directed learning and project development in AI, web accessibility, cloud, and assistive tech.
- **Sales & Business Operational Management:** 10+ years of operational management at Siddeshwar Foods Pvt. Ltd.
- **Digital Navigation & Financial Literacy:** 10+ years experience in online stock investing.
- **Personal Details:** Gender: Male | Disability: Visually Impaired (100% Blind) | Languages: English, Hindi, Marathi