Akashay Kumar Thory

Known as Akshay

Engineering / AI development / Entrepreneurship

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Engineering student and entrepreneur with experience building business software in Dubai, maintaining UH-60 helicopters in Alaska, and directing a winning village election campaign in Rajasthan.

Professional experience

Digital marketing, website & AI support

Thory Group of Companies · Dubai · 2020–present, periodic

Update the corporate website and service information, develop advertising concepts, and design chatbot responses for routine customer inquiries.

Business software developer

Thory Group of Companies · Dubai · 2024–2025

Built internal software for a manpower supply company to track income, incoming payments and outstanding balances, prepare financial reports, and organize supporting documents.

UH-60 helicopter repairer / MOS 15T

Alaska Army National Guard · October 2025–present

Train and perform supervised Black Hawk maintenance, including inspection, troubleshooting, documentation, and work with the maintenance team.

Political campaign director

Village Sarpanch election · Rajasthan, India · October–November 2026

Led the winning campaign. Set campaign messages with the candidate, approved advertising, and coordinated supporters, village visits, meetings, and events.

AI solutions developer

Independent projects

Designed conversational instructions and built websites for personal contacts. Evaluate AI tools for software prototyping, marketing, and administrative workflows.

Private STEM tutor

Independent · 2023–2024

Taught mathematics and physics, adapting explanations, exercises, and exam preparation to individual students.

Akashay Kumar Thory

Education

University of Alaska Fairbanks

Aerospace Engineering studies · Summer 2025–present

Selected coursework includes Engineering Analysis, Computer Techniques, Calculus III, and Electric Circuits.

Rochester Institute of Technology Dubai

Industrial Engineering studies from 2026 · Mechanical Engineering studies 2023–Summer 2025

Coursework includes Dynamics, Engineering Design Tools, Strength of Materials, and Principles of Advertising.

Selected projects

Mechanical design & prototyping

Modeled a universal coupling in Autodesk Inventor with constrained motion and exploded views. Created a 500-plus-piece gauntlet CAD assembly and fabricated a mechanical catapult.

AI, software & advertising

Developed a service-inquiry chatbot and internal finance software for Thory Group. Created a Careem advertising brand-book concept for a university course.

Entrepreneurship

Advertising, cross-border sourcing & customized apparel

Developed a Fairbanks advertising agency concept combining billboard placements and social media. Designed an India-to-Dubai notebook resale model and a made-to-order printed T-shirt venture in Dubai.

Leadership & service

Student leadership & volunteering

Mentored 3D design teams as Designing Club lead director. Served one year as Anime Club president, organizing cultural and cosplay events. Volunteered with WhyHunger during COVID-19, tutored underserved students, and helped students prepare applications and résumés.

Skills & languages

Prompt engineering, chatbot design, Java, Python, MATLAB, Unity, Wix, Autodesk Inventor, Arduino, prototyping, campaign planning, and e-commerce.

English, Hindi, Urdu, Punjabi, Gujarati, and spoken Marwari.