KUDAKWASHE MAVIS CHAKANYUKA

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EDUCATION

Ashoka University	Sept 2022 - Present
Bachelor of Science : Computer Science	Haryana, India
Minor : Entrepreneurship	

St Thomas More Catholic Secondary School	Jan 2015 - May 2019
Ontario Secondary School Diploma (OSSD)	Hamilton, Canada

EXPERIENCE

Inspirit AI — May 2024 - Present
Business Development Intern (SEO Engineering & Data Insights) — Remote, USA
- Partnered with the business development and marketing teams to improve on-page search engine optimization by refining website structure, metadata, and content to expand online visibility and lead generation.
- Using Google Search Console and SEMrush to analyze keyword performance and apply data-driven optimization strategies, increasing organic traffic by 35% and improving overall user engagement by 25%.

Project Apnapan — June 2025 - Oct 2025
Data Infrastructure & Automation Intern — Remote, India
- Designed and implemented a thorough Python- and SQL-based workflow that streamlined and simplified complex data collection, cleaning, and storage processes for scalable education-sector analytics and reporting.
- Built a scalable backend framework with automation pipelines to improve data storytelling and accessibility, transforming complex datasets into clear visual insights and reducing manual reporting time by 40% across internal teams.

Ignite XL | AI-Powered VC Deal Sourcing Externship Lab | Extern — Oct 2023 - Dec 2023
Research Extern — Remote, USA
- Collaborated with the Ignite XL team to analyze high-growth startups using Crunchbase, PitchBook, and LinkedIn, assessing performance, market potential, and investor traction across 150+ emerging ventures.
- Applied data-driven techniques such as market sizing and revenue forecasting to refine AI-powered deal-sourcing models, improving thesis accuracy by 25% and supporting evidence-based funding decisions.

Credera | DE&I Consulting & Data Analytics Externship | Extern — July 2023 - Sept 2023
Research Extern — Remote, USA
- Collaborated with Credera's Diversity, Equity & Inclusion (DE&I) and analytics teams to research cultural competency across firms, analyzing 80+ reports and datasets to identify practices for inclusive workplaces.
- Developed data-driven recommendations that informed the creation of digital DE&I resources, including the *Digital Cultural Competency Guide* and *Global Best Practices Playbook*, enhancing inclusion strategy adoption by 30% across partner organizations.

POSITIONS HELD

Ashoka University — Aug 2024 - Present
Resident Assistant — Haryana, IN
- Serving as the primary point of contact and support for 75+ residents, addressing academic and personal concerns while building a welcoming and inclusive community through regular student-led events.
- Facilitate communication between students and the Office of Residence Life, ensuring adherence to university policies and improving residential satisfaction scores by 20% through proactive engagement and well-being initiatives.

Lodha Genius Programme   May 2025 - June 2025
Mathematics Teaching Assistant & Mathematics Apprentice   Haryana, IN
- Supported instruction in *Introduction to Cryptography*, *Euclidean Geometry*, and *Probability & Statistics* for 60+ high school scholars, assisting with lecture preparation, clarifying concepts, and guiding problem-solving through one-on-one sessions and discussion forums.
- Explored formal verification with Dafny and co-authored *"Building Trustworthy Software : A Dafny-Driven Approach,"* applying mathematical logic to improve software correctness and demonstrating 95% proof verification accuracy in code validation tests. ([Paper](#))

Ashoka University   Dec 2024 - Jan 2025
Student Systems Administrator Intern   Haryana, IN
- Collaborated with the university's IT Department to implement an Active Directory–based authentication system and configure network provisioning for 60+ Debian/Ubuntu lab systems, improving login efficiency and centralized system management by 40%.
- Deployed NFS/CIFS-mounted home directories and virtualized Windows environments while developing a secure, single-window lockdown examination application with LaTeX support, compilation tools, and IPtables-based firewall protocols to strengthen exam integrity and system security.

Ashoka University   June 2024 - Sept 2024
Teaching Assistant for Environmental Studies   Haryana, IN
- Collaborated with Professor Mitul Baruah to design and deliver lectures integrating data-driven environmental models and sustainable tech solutions, facilitating impactful discussion sessions that actively engaged and supported 100+ students.
- Created course materials and utilized digital platforms such as ArcGIS and the Global Learning Environment (GLE) to enhance sustainability learning outcomes, improving student participation and interdisciplinary problem-solving skills by 30%.

TECHNICAL PROFICIENCY

Programming & Languages :
Java | Python | C | C++ | HTML | Visual Basic | SML (Standard ML) | Dafny | Tamarin Prover | Django

Computer Architecture & Systems :
MIPS Assembly Language | Cisco Packet Tracer | Windows Subsystem for Linux (WSL) setup & configuration

Data Analysis & Visualization :
SQL | Tableau | Excel | Power BI | KNIME | LaTeX | SEMrush | Google Search Console

AWARDS & HONORS

- Entrepreneurship Fellowship, Ashoka University – 2025 : Researched *"Showmax in Africa : Differentiation Through Content, Pricing, and Innovation,"* analyzing emerging market strategies and competitive positioning in the African streaming industry.
- Participant, IIT Delhi CS Data Privacy Summer School – 2025 : Selected for a competitive international program exploring advanced concepts in data privacy, cybersecurity, and trustworthy digital systems.
- Best Table Topics Speaker by North Spark Toastmasters International - 2024 : Winner of the impromptu speaking competition.
- Recipient of the Hamilton Black History Committee - John. C. Holland Award (YWCA Girls Rock Category) based on outstanding academic achievement and community involvement - 2018 : Recognized for outstanding academic achievement and community involvement.