KAILASH NARAYAN KIRADU A

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Executive Summary

- Certified ServiceNow System Administrator with a strong understanding of IT Service Management (ITSM) and GitHub Foundation certified, demonstrating proficiency in version control and collaborative development practices.
- Full-stack developer specializing in front-end technologies like React and Next.js, with expertise in building AI-driven applications and deploying scalable ML solutions.
- Interested in **cloud** architecture, **serverless** computing, and optimizing performance for distributed systems using AWS, GCP, **Firebase**, **Docker**, and **Kubernetes**.

Tools & Technologies

- **Languages**: Python, Java, JavaScript, MySQL, HTML, CSS.
- **Frameworks**: React.js, TailWind CSS, Java SpringBoot**.**
- **Tools**: GitHub, Firebase, MySql Workbench, APIs, AWS, GCP, Machine learning, GenAi.

Experience

AI internship [Microsoft, SAP & AICTE]   Dec 2024 - Jan 2025
- Developed a **high-accuracy Spam SMS Detection** system utilizing AI/ML algorithms, achieving a **95% detection precision**. Enhanced model performance through data preprocessing, feature engineering, and iterative optimization.

Machine Learning Intern [Trios Technology, Chennai]   Dec 2023 - Jan 2024
- Developed an AI-driven research paper summarizer, **reducing researchers synthesis time by 40%**, enhancing productivity through faster academic analysis.

Projects

SKILLPILOT [AI-Driven Personalized Learning Platform for Optimized Study Efficiency]
- A dynamic, AI-powered learning platform designed to **enhance study efficiency by up to 50%,** offering **personalized** course pathways and delivering targeted resources for accelerated and optimized learning outcomes.
- Full Stack Application - Built with Next.js, **React**, **Tailwind CSS**, **Clerk** for authentication, NeonDB with **Drizzle ORM** for data management, and **APIs** like YouTube, Gemini, and Firebase for enhanced functionality. |LINK|

ZARA [Real time language translator]
- Spearheaded the development of ZARA, a Flask-based **multilingual translation app**, enabling real-time speech-to-text, text translation, and text-to-speech using Google APIs, improving accessibility in live conversations.
- Enhanced cross-language interactions with ZARA, **reducing translation time by 20%**, enabling seamless real-time conversations and improving user experience across diverse languages. |LINK|

SUMMARY AI [Text summarizer] ◦
- Developed a web-based Text Summarizer application using **spaCy** for **NLP** processing, **reducing text analysis time by 40%** and improving user efficiency in digesting large volumes of information.
- Leveraged **Python, Flask**, and modern front-end technologies (HTML, CSS, JavaScript) to create a seamless user experience, enhancing content accessibility and understanding for users.

Education Credentials

Degree	Specialization	Institute	Year	CGPA
B.E.	*Computer Science & Engineering*	RMK Engineering College	2022-2026	8.16

Extracurricular

- Completed Google Cloud Platform **(GCP)** Foundations and **AWS** Foundation & Architecture courses, showcasing a solid understanding of cloud services and architecture for developing scalable, efficient solutions.
- Secured **FIRST place** in the 2024 Departmental **Paper Presentation** by presenting an innovative and unique upcoming technology on Mini-Brain.
- Achieved the position of **Second Runner-Up** at the PEC's **24-Hour Hackathon**, Hackelite 2.0.

Certifications

- ServiceNow System Administrator (CSA). |LINK|
- GitHub Foundations Certified. | LINK |

Languages

• ENGLISH	• HINDI	• TAMIL