

KANISHK SHARMA

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SUMMARY

Inventive software developer and blockchain enthusiast pursuing a Master of Science in Computer Science at Arizona State University. Actively seeking summer 2024 internship opportunities. Proficient in software development, specializing in blockchain technologies, with experience in enhancing platform security and user experiences. Skilled in data structures, algorithms, and network security tools for robust data handling and forensic analysis.

EDUCATION

Master of Science - Computer Science

Arizona State University, Tempe, AZ

Graduating May 2025

Bachelor of Technology - Computer Science and Engineering

JECRC University, Jaipur, India

Graduated on June 2021

GPA 7.62

PROFESSIONAL EXPERIENCE

Techconfer Technologies, India: Software Developer

Aug 2022 – June 2023

- Enhanced a MERN-stack art application, boosting traffic by 20% and fostering a global community for buyers, artists, and curators
- Led a comprehensive MERN stack overhaul, reducing loading time by 35% and fortifying data security via a strategic NoSQL database migration, enhancing user experience and platform resilience.
- Crafted multi-level interfaces and robust APIs, ensuring seamless functionality and diverse user panel empowerment, facilitating efficient interaction within the platform.
- Strengthened data protection by migrating to NoSQL databases, refining APIs, and structuring databases to minimize vulnerabilities, ensuring a secure platform for users and data.

Self Employed, India: Software/Blockchain Developer

Dec 2021 – Aug 2022

- Devised Solidity smart contracts for an NFT marketplace, enabling minting, trading, and auctions.
- Enabled user-friendly functionalities through JavaScript for both frontend and backend interactions.

Fondos Technologies, India: Software Developer

July 2021 – Dec 2021

- Worked on an official web application for Heute and Morgen Insurance Brokers, streamlining plan comparisons using the robust LAMP stack. Notable UI enhancements resulted in a 23% traffic surge and a 100% surge in new account registrations.
- Led the creation of a visually dynamic web app for Suzuki Motorcycles India, emphasizing aesthetics and performance via the LAMP stack. Tailored APIs and UI enhancements led to a 5% sales increase for the flagship model by deterring spam and hoarding activities.

Fixl Solutions, India: Web Developer Intern

Jan 2021 – June 2021

- Engineered smart contracts for a crypto-based commission payout system, reducing operational costs by 7%.
- Collaborated towards the development of a MERN Stack E-commerce website.

ACADEMIC PROJECTS

Blockchain based chain of custody form

- Developed a digital equivalent of a chain of custody form using a blockchain of my own.

Ball Tracking in Sports using Deep Learning

- Crafted real-time tennis ball tracking for sports analysis, coaching, and broadcasting, enhancing event understanding and enjoyment by overcoming occlusions and fast ball movement

TECHNICAL SKILLS

Programming: Python , JavaScript , Solidity , PHP , Data Structures and Algorithms

Web Development Tools: HTML , CSS , React JS , Node JS , Next JS , Laravel , Django , REST APIs ,

Database/DevOps: MySQL , MongoDB , Git, GitHub , AWS

Security Technologies: Network Security , Wireshark , KitPhishr , Autopsy , IDA Pro , Prodiscovery , Ghidra