

# KANISHK SHARMA

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## EDUCATION

### Master of Science - Computer Science

Graduating May 2025

Arizona State University, Tempe, AZ

Ira A. Fulton School of Engineering

Relevant coursework: Computer and Network Forensics, Fundamentals of Statistical Learning and Pattern recognition, Digital Video Processing , Data Structures and Algorithms

### Bachelor of Technology - Computer Science and Engineering

Graduated on June 2021

JECRC University, Jaipur, India

GPA 7.62

Relevant coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, Object Oriented Programming, Artificial Intelligence , Database Management System .

## TECHNICAL SKILLS

**Programming:** Python, C++ , JavaScript , Solidity

**Web Development Tools:** React JS , Express JS ,Node JS , Next JS , Django , REST APIs

**Database:** MySQL, NoSQL , MongoDB

**Others:** Git, AWS , VScode, Figma , Adobe XD , Linux

**Libraries:** OpenCV , Numpy , Pandas , Tensorflow , Pytorch , Scipy , React redux , React-router-dom , Axios

## PROFESSIONAL EXPERIENCE

### Techconfer Technologies Pvt Ltd, India: Software Developer

Aug 2022 – June 2023

- Developed and maintained web applications, including an E-commerce platform with multi-level user access, resulting in a 20% increase in site visits. Improved performance of existing applications, such as the company website and a property listing portal, by almost 5%

### Self Employed, India: Software/Blockchain Developer

Dec 2021 – Aug 2022

- Developed web applications using JavaScript and Blockchain technologies, including Ethereum and Polygon. Designed and built an NFT marketplace with Solidity for smart contracts and JavaScript for both frontend and backend, enabling users to mint, trade, and auction NFTs.

### Fondos Technologies Pvt Ltd, India: Software Developer

July 2021 – Dec 2021

- Led a 5 man team for development of e-commerce and lead management systems. Achieved a 100% increase in new account registrations for Heute and Morgen Insurance Brokers Pvt. Ltd. website. Additionally, contributed to a company website project

### Fixl Solutions, India: Web Developer Intern

Jan 2021 – June 2021

- Created custom smart contracts to automate a crypto-based commission payout system, reducing operational costs by 7%. Developed e-commerce websites for beauty products using the MERN framework and contributed to the company website's revamp as part of a 5-man team.

## ACADEMIC PROJECTS

### Blockchain based chain of custody form

Aug 2023 - Nov 2023

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

### Ball Tracking in Sports using Deep Learning

Aug 2023 - Nov 2023

- Developed a real-time tennis ball tracking system to enhance sports analysis, coaching, and broadcasting, improving sports event understanding and enjoyment by addressing occlusions and fast ball movement challenges

### Social media application using the ethereum blockchain and Next JS

Feb 2021 – Apr 2021

- Built an end-to-end social media application using infura (working on the ethereum blockchain) and Next JS.

### Ethereum-based NFT Marketplace

Dec 2021 - Mar 2022

- Developed the frontend and smart contracts using the Solidity programming language utilizing ERC-721 standards.