

# UTKARSH ARORA

Lucknow, Uttar Pradesh

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## EDUCATION

Chandigarh University

B.Tech - Computer Science and Engineering - CGPA - 8.07

2021 – 2025

Gharuan, Mohali, Punjab.

## COURSEWORK / SKILLS

- DSA
- Operating Systems
- OOPS Concepts
- Web development
- Cloud Computing
- Software Engineering
- DBMS

## EXPERIENCE

Summer Training Program at METACRAFTERS

June 2024 - September 2024

Role - Blockchain Trainee

Virtual

- Gained hands-on experience in developing decentralized applications (dApps) using Avalanche Fuji testnet, integrating smart contracts with Metamask for seamless user interactions.
- Collaborated in a team to explore emerging blockchain trends, including DeFi, tokenization, and NFT creation, while gaining hands-on experience with development tools like Solidity and Web3, focusing on secure contract deployment and problem-solving.
- Utilized Avalanche Faucet and Snowtrace for testing, deploying, and verifying smart contracts, ensuring transparency and traceability on the blockchain.

Internship with Chandigarh Police

Currently Working(6 Months)

Role - Web Developer and Technical Trainee

Offline

- Developed web and mobile applications for the Control Room using React, Node.js, Express.js, and PostgreSQL.
- Built real-time communication features with IO Socket and contributed to Android app development using Java Android Studio.
- Designed and optimized secure, scalable APIs for seamless data exchange between applications.

## PROJECTS

Legal Document Assistant | React, JavaScript, Database- PostgreSQL, Flask, Python

2023

- Developed an AI-powered platform using React and Flask to assist in drafting, reviewing, and analyzing legal documents efficiently.
- Integrated PostgreSQL as the database for storing legal documents and user data.
- Leveraged Python for natural language processing and legal text analysis, enhancing document accuracy and reducing manual effort.

Employee Retention System | ML, Flask, SQLite, Nginx, Guicorn, Supervisor, React, REST API

2023

- Machine learning-based application designed to help organizations predict which employees are at risk of leaving their job.
- Model built using Flask, integrated with SQLite, and exposed via a REST API for predicting attrition risks.
- Deployed the application using Nginx, Gunicorn and Supervisor, ensuring smooth API performance.

## TECHNICAL SKILLS

Languages: Java, C, JavaScript, Python

Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Javascript, NodeJS, Bootstrap, Flask

Developer Tools: VS Code, PyCharm, IntelliJ, Canva, Arduino IDE, Android Studio

## SOFT SKILLS

- \* Leadership
- \* Adaptable
- \* Analytical skills
- \* Collaborator

## CERTIFICATIONS

- Java Language - Oracle
- Python - Coursera
- An Introduction to Programming Through C++ - Nptel
- Introduction To Internet Of Things - Nptel