

# Shivam Kumar

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## Education

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**Maharishi Markandeshwar(Deemed to be University)** Expected May 2025  
*Bachelor of Technology in Computer Science and Engineering(GPA: 8.01 (Till 5<sup>th</sup> Semester)) Ambala, Haryana*

**Relevant Coursework:** Data Structures and Algorithms , Database Management Systems (DBMS) , Computer Networks , Operating Systems , Software Engineering.

**Government Polytechnic Darbhanga** 2022  
*Diploma in Computer Science (CGPA: 8.38 ) Darbhanga, Bihar*

**Relevant Coursework:** Web Technologies , C Programming , C++ programming , Computer Networks , Operating Systems , Computer Architecture.

## Projects

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### **Decentralized finance Web App| React.js, Motoko, OpenZeppelin Contracts**

- Designed and implemented user interfaces using React.js to provide a seamless and intuitive user experience.
- Integrated with blockchain protocols and smart contracts using Motoko, ensuring secure and transparent interaction with DeFi functionalities.
- Tested and optimized the application for performance and scalability.

### **NFT Marketplace | React.js, Motoko, , OpenZeppelin Contracts, Bootstrap**

- List specific NFT functionalities your marketplace offered, e.g., mint NFTs, create auctions, set prices, manage listings.
- This project facilitated seamless buying, selling, and browsing of NFTs.

### **Shopify Clone | Python, Flask, Django, Bootstrap**

- User accounts and management: User registration, login, profile updates, and order history access.
- Product listings and management: Creating, editing, and displaying product information with images and descriptions.

## Technical Skills

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**Languages:** Java, JavaScript, C/C++, Python

**Technologies:** Node.js, React.js, Embedded JavaScript (EJS), Express.js, jQuery, Bootstrap, Embedded JavaScript (EJS)

**Databases:** PostgreSQL, MongoDB

**Concepts:** Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Application programming interface(API), Database Normalization, Authentication and Security, Agile Methodology, Cloud Computing, Decentralized Apps(DApps)