# Dipjyoti Kashyap

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## 🎓 Education

**Bachelor of Technology ,Computer Engineering,**
Jorhat Engineering College
2020 – present | JORHAT, India
  CGPA - 7.6

**Diploma in Computer Engineering, Computer Programming,,** Nalbari Polytechnic
2017 – 2020 | Nalbari, India
  CGPA - 8.4

## 🧠 Skills

**Web Development**
Node Js , react.js , express , graphql , Flask , Django , Next.js
● ● ● ● ○

**Programming**
C , C++ , Python , PHP , HTML5 , CSS
● ● ● ○ ○

**Blockchain**
Solidity ,Hyperledger-Fabric
● ● ● ○ ○

**Database**
MongoDb , MySql , Postgresql , CouchDb
● ● ● ● ○

## 🌐 Languages

English
● ● ● ● ○

Assamese
● ● ● ● ○

Hindi
● ● ● ○ ○

## 📁 Projects

**Supply Chain Management**
05/2022 – present
- Solution: Created a robust solution for smart farming and retail.
- Technologies Used:
  - Frontend: React with Redux.
  - Backend: Express with Hyperledger Fabric.
- Blockchain Framework: Leveraged Hyperledger Fabric for secure and transparent transactions.
- Purpose: Enabled efficient supply chain management in the smart farming and retail industry.

**File storage and sharing DAPP**
01/2022 – 05/2022
- Development: Created a decentralized application (dApp) for secure file storage and sharing.
- Technologies Used:
  - Solidity: Used Solidity programming language for smart contract development.
  - MERN Stack: Utilized MERN (MongoDB, Express.js, React.js, Node.js) stack for the application's development.
- Enhanced Data Protection: Implemented a proxy reencryption algorithm for enhanced data protection.
- Purpose: Enabled secure file storage and sharing through the decentralized application (dApp).

## 💼 Professional Experience

**Research And Development Intern,** IIIT                    05/2022 – present | Guwahati, India
- Task: Contributed to the development of a decentralized and location-aware architecture for integrating connected vehicle (CV) data into real-time traffic management systems.
- Implementation:
  - Implemented a permissioned and modular blockchain network.
  - Integrated a non-interactive zero-knowledge range proof (ZKRP) protocol.
- Prototype System:
  Built the prototype system using Solidity and Ethereum.
- Objective: Enabled the integration of connected vehicle data into real-time traffic management systems with enhanced data privacy and integrity.

**Fullstack WebDeveloper,** Freelancing                    2020 – present
- Remote Work & Collaboration: Experienced in remote work and effective team collaboration.
- Developed and integrated payment gateways for seamless transactions.
- Integrated email and message services for efficient communication.
- Created and implemented APIs to enable smooth data exchange.
- Built content management systems (CMS) for easy website management.
- Performed various related tasks to support project development.
- Successfully completed 12+ projects throughout my freelancing career.