

# Subhayan Kapas

B.Tech in Computer Science, 4th Year — Expected Graduation: 2026

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**Current Address:** Gurukul, Jaipur, Rajasthan-303807

**Permanent Address:** Jadupur, Ghatal, Paschim Medinipur, Bengal

## Career Objective

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A passionate and skilled Frontend Developer with a strong foundation in web technologies and a keen interest in full-stack development. As an Aspiring Full Stack Software Engineer, I am eager to contribute to innovative projects and continually enhance my skills through practical experience and learning.

## Education

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- **B.Tech in Computer Science and Engineering**, University of Engineering and Management, Jaipur Expected Graduation: 2026  
GPA: 9.4
- **12th Grade**, Kharar Sri Aurobindo Vidyamandir Completed: 2022
- **10th Grade**, Kismot Dirghagram High School Completed: 2020

## Skills

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**Web Development:** MERN, HTML, CSS, JavaScript

**Programming Languages:** Java, C, Python, SQL

**Tools:** Git, GitHub, VS Code, Canva, MongoDB, Firebase

## Projects

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- **Domestic Water Wastage Prevention System**  
Designed and developed a smart monitoring system using IoT and sensors to detect and prevent domestic water wastage. The system utilizes flow sensors and microcontrollers to monitor water usage in real time and sends alerts to users when abnormal usage is detected. Focused on environmental sustainability and efficient resource management.
- **ScoreVault**  
Created an efficient marksheet and certificate management system aimed at streamlining the management of academic records for educational institutions. The system provides features for generating, storing, and retrieving marksheets and certificates, making it easier for both administrators and students to manage and access their academic documents. The backend is powered by PHP and MySQL, ensuring data security and integrity.
- **Educare**  
Built an interactive online education platform using HTML, CSS, and JavaScript. This platform facilitates course enrollment, online learning, and teacher consultation. Key features include user registration, course management, and a messaging system for student-teacher interactions. Designed with a focus on usability and accessibility to enhance the learning experience for users.
- **TechUtopia**  
Developed a dynamic tech fest website for UEM Jaipur utilizing WordPress. The site includes detailed event schedules, registration forms, and interactive elements such as live updates and participant interaction features. Ensured that the website is visually appealing and functional, with smooth navigation and a responsive layout to accommodate various devices and screen sizes.
- **EduBlock**  
Currently working on a blockchain-based project designed for the centralized management of university records.

This project aims to create a secure and transparent system for verifying academic credentials by universities, AICTE, and companies. As a Frontend Developer, I am responsible for designing the user interface and enhancing user experience, ensuring that the platform is intuitive and easy to navigate.

## Experience

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### Internships

- **AICTE Eduskill**

*Internship on Android Development*

Gained practical experience in Android app development, contributing to various stages of the development life-cycle, from design to deployment, and enhancing proficiency in mobile application programming.

- **CodSoft**

*Internship on Web Development*

Assisted in the development and maintenance of web applications, working on both frontend and backend tasks, which improved my skills in web technologies and provided valuable exposure to real-world development practices.

### Hackathons

- **DuHackes 2.0**

*Virtual Hackathon (24 hours)*

Participated with team THE WEB-TITAN, developing tech solutions under a tight 24-hour deadline. Focused on innovative problem-solving and presenting the final project.

- **AceHack**

*12-hour Hackathon*

Contributed to a rapid 12-hour hackathon with team THE WEB-TITAN, emphasizing quick prototyping and agile development practices.

- **AceHack 2.0**

*36-hour Hackathon*

Collaborated with THE WEB-TITAN during this intensive 36-hour event, working on complex problems and developing a prototype within the extended timeframe.

- **AceHack 3.0**

*36-hour Hackathon*

Served as an organizing team member, handling event logistics, coordinating with participants, and ensuring smooth execution of the 36-hour hackathon.

## Certifications

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- Cambridge English Linguaskill Certification
- NPTEL Certificate of Joy of Programming with Python(IIT Madras)
- NPTEL Certificate of Introduction of C Programming (IIT Kharagpur)
- NPTEL Certificate of Python for Data Science (IIT Madras)

## Other

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**Hobbies:** Designing websites, participating in competitive programming.

**Activities:** Participated in Google Cloud Study Jam, performing tasks and labs.