

# Manash Pratim Bhuyan

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## EDUCATION

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### Chandigarh University

Bachelor of Engineering (B.E.) in Computer Science

Mohali, Punjab

2022-2026

- o **GPA:** 7/10
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications

## PROJECTS

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### NoCash Pay | *React, Recoil, TailwindCSS, Express.js, MongoDB*

- Designed and developed a payment website to send and receive dummy money using QR codes with React, Express.js and MongoDB
- Engineered and implemented over 45 components and 15+ REST APIs facilitating seamless user transactions and streamlined friend management functionalities. Additionally, implemented aggregation pipelines to significantly enhance back-end response time, ensuring rapid data processing and improved user experiences. MongoDB
- Implemented a secure end-to-end payment system by leveraging MongoDB's database transactions while adhering to the ACID properties, Ensuring data integrity, and guaranteeing secure transactions
- Developed a QR code system to reference each user and facilitate payments through QR codes uniquely scanned.
- Utilized Bcrypt encryption to hash and salt user credentials, for securing sensitive user credentials

### To-do List | *React, Bootstrap, Express.js, MongoDB*

- Designed and developed a pastel theme to-do app with CRUD functionality with React, Express.js, and MongoDB
- Implemented pagination and categories for better user experience
- Utilized bootstrap components to create visually appealing and accessible UI components

## SKILLS

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**Programming:** Java, Python, JavaScript, HTML/CSS, SQL, Node.js, Express.js, React.js, C++, C, Mongo-DB, ZOD, TailwindCSS

**Tools:** PyCharm, VS Code, Jupyter Notebooks, Git-Github, Bootstrap, Postman, Unity-3D

## LANGUAGES

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- English - Native
- Hindi - Native
- Assamese-Native

## HOBBIES

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Tech Enthusiast, Skating, Playing music, Reading, Badminton, Photography, Languages, Travel, Enthusiast in Automotive Customization