

# Purnendu Bikash Jana

LinkedIn: ami-pbj | GitHub: ami-pbj

## SKILLS

### PROGRAMMING

Languages:

• C • Java • Python • JavaScript • SQL

Android App Development:

• Kotlin • Dart • Flutter • Figma

Front End Development:

• HTML • CSS • React.js • jQuery

Back End Development:

• Sprint Boot • Node.js • Firebase

Databases:

• MySQL • MongoDB • Oracle

Tools:

• Git • Linux • Mac

## EDUCATION

### CHANDIGARH UNIVERSITY

MASTERS IN COMPUTER

APPLICATION

Grad. Jun 2023 | Chandigarh

CGPA: 7.99 / 10.0

### UNIVERSITY OF CALCUTTA

BSc IN MATHEMATICS

Grad. Dec 2020 | Kolkata

CGPA: 6.32 / 10.0

## COURSEWORK

### POST GRADUATE

Data Structure and Algorithms

Android Application Development

Web Application Development

Embedded System

Machine Learning

Database Management System

### GRADUATE

Probability and Statistics

Dynamics

Statics

Real Analysis

Tensor Calculus

LPP and Game Theory

## LINKS

GitHub:// [ami-pbj](#)

LinkedIn:// [ami-pbj](#)

Portfolio:// [Purnendu Bikash Jana](#)

## PROJECTS

### ALIMENT | HTML | CSS | REACT.JS | FIREBASE

<https://github.com/ami-pbj/aliment>

- A smart restaurant web application made for book a sit at the restaurant.
- Front End - built front end by using HTML, CSS and React.js.
- Back End - used Firebase for back end and **Firestore** as database.

### CHHAVI GHAR | JAVA | SPRING BOOT | REACT.JS | FIREBASE

<https://github.com/ami-pbj/chhavi-ghar>

- A **full stack** movie booking web application created for rate and review movie and purchase movie ticket.
- Front End - used CSS and React.js to design front end.
- Back End - the back end built on Java, Spring Boot and Firebase with **MongoDB**.
- Authentication and Payment - added user authentication by using **Firebase Auth** and payment method by **Stripe**.
- Hosting - the web application was deployed by **Firebase Hosting**.

### VIRCUR | MERN | BLOCKCHAIN | WEB 3.0 | METAMASK

<https://github.com/ami-pbj/vircur>

- A **MERN stack** web application built to transfer **cryptocurrency** within 1 second.
- Front End - created front end by HTML, CSS and React.js.
- Back End - built on Node.js for the back end and MongoDB as the database.
- Technology and Wallet - used Blockchain to make transactions of cryptocurrency and MetaMask as **crypto wallet**.
- Security and Privacy - provided security to the entire web app by enabling authentication and encrypted **Web 3.0** added security and privacy of all data.

### ATTENDANT | MACHINE LEARNING | PYTHON

<https://github.com/ami-pbj/attendant>

- A **GUI** based application used face recognition to take attendance.
- Technologies - used Haar-like feature and Local Binary Pattern Histogram (**LBPH**) algorithm of **ML** and Python.

## CERTIFICATIONS

IIT Patna - NPTEL

- **Data Analytics with Python**

UDEMY

- **The Web Developer Bootcamp 2022**

UDEMY

- **Data Structures and Algorithms using C**

IIT Roorkee - NPTEL

- **Big Data Computing**