

Purnendu Bikash Jana

purnendubikash.21@gmail.com | +91 8582850585
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:

• Spring 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 **Firestore 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**