

Prashant Pandey



EXPERIENCE

PAYTM | ASSOCIATE ANALYST
Aug 24–Feb 25 | Noida

- Analyzed over 1 million customer transactions monthly to identify spending patterns, resulting in a 15
- Automated data extraction and cleaning processes, saving 20+ hours per week and improving data accuracy by 30
- Optimized pricing models using statistical analysis, which increased revenue by 8% in the first quarter post-implementation.

PROJECTS

VIDEO CHAT APPLICATION [Link](#) | REACT JS

- Developed a real-time video chat application using React.js enabling seamless peer-to-peer communication.
- Implemented RESTful APIs and WebSockets for real-time data transmission video streaming, ensuring low latency and high-quality video.
- Optimize the video streaming process by leveraging H.264 video codec, reducing bandwidth usage by 20
- Integrated third-party services such as Firebase for real-time database management and user authentication.

SPEECH EMOTION RECOGNITION SYSTEM [Link](#) | MACHINE LEARNING, PYTHON

- Develop a system to recognize emotions from speech signal for various applications such as customer service, mental health monitoring etc.
- Utilized optimization algorithms to enhance model efficiency from 20 to 80 percent and reduce inference time to 30 percent.
- Enhanced system performance by optimizing feature extraction algorithms and model architectures.

PORTFOLIO WEBSITE | MERN

- Developed a dynamic portfolio website using the MERN stack (MongoDB, Express.js, React.js, Node.js), showcasing personal projects and professional experience.
- Designed and implemented a responsive user interface with React.js and Bootstrap, ensuring optimal performance across all devices.
- Created a user-friendly interface with React.js and Bootstrap, ensuring the website works well on all devices.

CERTIFICATIONS

CODING NINJA - INTRODUCTION TO C++ PROGRAMMING

CETPA INFOTECH - ANGULAR [Link](#)

HACKERANK - MY SQL [Link](#)

CETPA INFOTECH - ANDROID APP DEVELOPMENT [Link](#)

SKILLS

PROGRAMMING

• C • C++ (17) • Python (3.12)

LIBRARIES/Frameworks

React Js • Node.js • Express.js • Next.js • Tailwind
Css • Bootstrap

TOOLS/DATABASES

DEVOPS • Git • MongoDB
• My SQL

EDUCATION

**GL BAJAJ INSTITUTE
OF TECHNOLOGY AND
MANAGEMENT, GREATER
NOIDA**

B.TECH IN INFORMATION
TECHNOLOGY
Oct 2020 - July 2024 | Greater Noida
, India
8.1 CGPA/10

**KENDRIYA VIDYALAYA
GOVT ITI, DEORIA**

CLASS X
2017-2018 | Deoria, India
92%

COURSEWORK

- Data Structures and Algorithm
- Operating System
- Database Management System
- Computer Networks
- Object Oriented Techniques

CODING PROFILES

- Leetcode

LANGUAGES

- Hindi
- English