Purnendu Narayan Bhattacharjee

Full Stack Developer

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About

Full Stack Developer with expertise in both front-end and back-end technologies. Proficient in a variety of programming languages and frameworks. Known for designing user-friendly interfaces and implementing robust server-side functionalities. Strong problem-solving skills and a commitment to staying current with emerging technologies.

Education

Post Diploma in Development of Advanced Computing,
Centre for Development of Advanced Computing, Mumbai
09/2023 – 03/2024 | Kharghar, Mumbai
Result - First Division

B.Tech in Mechanical Engineering,
Techno India College of Technology
2019 – 2022 | Kolkata
CGPA - 7.87

Diploma in Mechanical Engineering,
Elitte Institute of Engineering & Management
2016 – 2019 | Kolkata
CGPA - 7.9

Secondary Education, *Hare School*
2016 | Kolkata
Percentage - 80.2%

Skills

HTML   CSS   React | Node JS | Express

Java Script   Java   Linux   My SQL

Data Structure and Algorithm   C | C++ | C#

Advance Java(SpringBoot)   Microsoft .NET

MongoDB   Advance Excel   Power BI

Machine Learning   Automation Testing

Python (Pandas | Matplotlib | Numpy | seaborn)

Problem-solving   Team Management

Projects

Variable Electronics hub
Platform : J2EE(SpringBoot), ReactJs, MySQL
- Variable Electronics E-commerce is a user-friendly platform crafted with React, J2EE (Spring Boot), and MySQL.
- As the **project leader**, I oversee the coordination and management of a dedicated team comprising four members.
- It ensures security through JWT tokens, offers role-based login, and employs Redux for state management. Key features include a robust product catalog, easy cart management, and stripe integration for secure payments.
- The **result** is a secure, efficient, and enjoyable shopping experience for electronics enthusiasts with organized development and seamless user access.
- **Project Link : https://github.com/iPurnendu/ecommerce-SpringBoot-react-project**

E-Commerce Website
Platform: Microsoft .NET
- Developed an Ecommerce site with Microsoft .NET MVC, featuring JWT tokens for secure authentication and role-based access.
- In my role as the **project leader**, I take charge of coordinating and managing a dedicated team consisting of four members in the project.
- Integrated Stripe for payments, organized development with MVC, and enhanced visualization using Bootstrap.
- Result: Achieved a secure and user-friendly Ecommerce platform with organized development, secure authentication, and essential features like cart management and Stripe integration.

- **Project Link : https://github.com/iPurnendu/ecommerce-ASP.NET-MVC-Project**

Bank Nifty Stock Analysis, *Financial Analysis with SQL* ⬀

Platform : MySQL
- Create a stock analysis and Graphical Representation of datasets containing 11 bank stocks like- Axis bank, HDFC bank, SBI, etc from 2000 to 2022 and present on Microsoft PowerPoint.
- Analyze every stock's volatility, dropdown percentage, Moving average, CAGR, signal, absolute return, and Final score.
- Result: In terms of strength, HDFC bank ranks as the highest-rated stock and also got the best absolute return, IDFC stock plays fairly well in terms of volatility, Kotak bank stocks experience a significant drop in price, but stock price remains higher than other stocks.
- Project Link- https://youtu.be/qy8lcaBig0Y?list=TLGG4exRApB0dmYyNTAzMjAyMw ⬀

Movie Recommender System, *Unsupervised Machine learning project*
Platform : Python , Streamlit , Scikit-learn
- Build an unsupervised machine learning project for a content-based recommender system, and deploy and customize it using Streamlit.
- Process: Preprocessed data, selected the best model, evaluating performance, and added features for an enhanced user experience.
- Result: Generated personalized recommendations and displayed the top 10 recommended movies to the user.
- **Project Link: https://github.com/iPurnendu/movie_recommender**

Awards

Module Tooper, *Centre for Development of Advanced Computing, Mumbai*
Secured the position of module topper in both Web Java Technology and Web Program Technology, My project work stands out for its impressive execution, showcasing a deep understanding and innovative approach that has garnered attention and recognition.

Hobbies

Content Creation

Streaming

Gaming

Outdoor Adventures

Extra Curricular

- I excel in competitive gaming and have represented India in Esports tournaments. A highlight includes winning the Nvidia Gamers Connect while representing Kolkata.
- As a content creator on YouTube, I got the opportunity to work with Monster Energy, Gigabyte and Aorus as an influencer. This experience has not only showcased my passion but also enhanced my ability to market effectively. Additionally, these collaborations have significantly expanded my network, allowing me to forge meaningful connections within the industry.

Certificates

Python for Data Science ⬀
IBM

SQL Certificate ⬀
HackerRank

SQL and Database Science
IBM

Data analytics
Ivy Professional School

Microsoft Excel Skill Assessment badge
LinkedIn

Microsoft PowerBI ⬀
Udemy

MySQL Skill Assessment badge
LinkedIn