Priyanshu Mishra

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Education

B. Tech, National Institute of Technology, Durgapur *(Dec 2021 – June 2025)*

- GPA: 7.91/10 (till 6th sem)

- Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Machine Learning

Professional Experience

Intern Analyst, Wells Fargo - Pallavaram, Chennai *(May 2024 – July 2024)*

- Developed and implemented algorithmic trading signals achieving 85% accuracy in backtesting

- Built a robust technical analysis library processing OHLCV data for 500+ stocks

- Integrated multiple technical indicators (RSI, MACD, Bollinger Bands) into a unified trading framework

- Optimized data processing pipeline reducing computation time by 40%

Technical Projects

OptiRisk Finance - [GitHub](link) | [Live Demo](link)

- Engineered a full-stack financial portfolio management application serving 200+ active users

- Implemented real-time portfolio tracking with interactive data visualization using Chart.js

- Developed ML-based risk assessment model achieving 78% accuracy using Random Forest algorithm

- Tech Stack: React, Node.js, Python, Scikit-learn, MongoDB

Quiz-e-Preneur Platform - [GitHub](link) | [Live Demo](link)

- Built scalable quiz platform handling 100+ concurrent users during E-Summit '22

- Implemented secure Google OAuth authentication and real-time scoring system

- Reduced page load time by 60% through optimized React components and lazy loading

- Tech Stack: JavaScript, Django, PostgreSQL, Redis

Leadership Experience

Senior Developer, EDC NIT DGP *(2021-2023)*

- Led team of 5 developers maintaining official website with 5000+ monthly visitors

- Implemented CI/CD pipeline reducing deployment time by 70%

Senior Coordinator, E-Summit *(2021-2023)*

- Grew social media engagement by 200% across platforms through targeted campaigns

- Led organization of E-Summit '22 and '23, managing 20+ team members

- Coordinated On-Campus Hult Prize competition with 300+ participants

Technical Skills

- **Languages**: Python, JavaScript, C++, SQL

- **Frameworks**: React.js, Node.js, Express.js, Django

- **ML/Data**: Scikit-learn, Pandas, NumPy, Neural Networks, NLP

- **Tools**: Git, Docker, Postman, AWS, MongoDB