

Dushyant Pareek

Master of Computer Applications (MCA)
Computer Science and Engineering
National Institute of Technology, Agartala

+91-8302776583
dushyant.pareek.2002@gmail.com
linkedin.com/in/dushyant-pareek-072111290
https://dushyant-pareek.vercel.app/

EDUCATION

• National Institute of Technology, Agartala

Tripura, India

Master of Computer Applications

August 2023 - July 2026

◦ CGPA: 9.23

- Data Structures and Algorithms, Object-oriented Programming
- Database Management Systems, Artificial Intelligence, Operating Systems
- Software Engineering, Computer Architecture, Data Mining

• St. Xavier's College, Jaipur

Rajasthan, India

Bachelor of Science

August 2020 - July 2023

◦ CGPA: 8.45

- Computational Mathematics, Discrete Mathematics, Numerical Analysis
- Probability and Statistics, Linear Algebra, Differential Equations
- Quantum Mechanics, Mathematical Physics, Optimization Problems

PROJECTS

• Stock Prices Predictor

Tools: PyTorch, Pandas, Streamlit

- Developed end-to-end machine learning project for predicting stock prices
- Applied Pandas for data cleaning and PyTorch LSTM for model training
- Developed pipelines in Python for workflow automation
- Applied Streamlit for displaying the model predictions and Matplotlib for showing the graphs

• Efficus: Project management app

Tools: Next.js, PostgreSQL, TailwindCSS

- Developed the user interface with Next.js 14, using Material UI component library
- Built the backend through Node.js and used PostgreSQL database for data storage
- Implemented authentication using AWS cognito and deployed the app over AWS
- Used TailwindCSS for responsive styling, TypeScript for type safety and Prisma for data validation

SKILLS

- **Programming Languages:** Python, Java, JavaScript, TypeScript, SQL/NoSQL, HTML/CSS, LaTeX
- **Tools:** Git, Amazon Web Services, Docker, Google Colab, VS Code, PyCharm, IntelliJ
- **Frameworks/Libraries:** Scikit-Learn, PyTorch, TensorFlow, Pandas, Matplotlib, NumPy, Next.js, React, Node.js, Flask, FastAPI, Streamlit
- **Soft Skills:** Technical Writing and Editing, Problem Solving, Research and Ideation, Public Speaking, Teamwork and Organisation, Analytical Thinking

CERTIFICATIONS

• Front-end Web Development, IBM SkillsBuild Summer Internship Program

August 2024

• Data Analytics with AI, SoloLearn

September 2024

ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

• Public Relations and Outreach Lead, Developers and Coders Club, NITA

August 2024 - July 2025

Was part of the organising team of ISRO Space Exploration Hackathon and Smart India Hackathon organized in NIT Agartala

• Editorial Secretary, Students' Council, SXCJ

August 2022 - July 2023

• President, Department of Science, SXCJ

August 2022 - July 2023

• Pride of the Department award, SXCJ

March 2023

• Best Student in Research award, SXCJ

March 2023

• Principal's Choice award, SPS

December 2020