

# Turbash Negi

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## EDUCATION

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### Jawaharlal Nehru University (School of Engineering)

*Bachelor of Technology in Computer Science and Engineering*

- First-year student with strong academic standing

New Delhi, India

*Aug 2024 – May 2028 (Expected)*

### Doon International School

*Senior Secondary (CBSE) – Completed 12<sup>th</sup> Grade*

- Secured 95.2% in Class 12<sup>th</sup> Board Exams (PCM with CS)

Dehradun, India

*Jul 2022 – Apr 2024*

### St. Thomas Convent School

*Secondary School (ICSE) – Completed 10<sup>th</sup> Grade*

- Scored 97.6% in Class 10<sup>th</sup> Board Exams

Pauri Garhwal, India

*Apr 2014 – May 2022*

## EXPERIENCE

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### Placement Cell Member

*Jawaharlal Nehru University, School of Engineering*

- Collaborate with peers and faculty to organize placement drives and workshops
- Coordinate communication between recruiters and students
- Assist in resume reviews, mock interviews, and career guidance

Feb 2025 – Present

*New Delhi, India*

### Top 10 Finalist – National Space Hackathon (IIT Delhi)

*Full-Stack Developer, Team ISStow*

- Built a stowage management tool for the ISS using FastAPI, React, and MongoDB
- Presented the project (as lead speaker) to ISRO scientists during final judging

Mar 2025 – Apr 2025

*New Delhi, India*

## PROJECTS

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### UFC Fight Predictor | *Python, Streamlit, XGBoost, Scikit-learn, Pandas, Plotly*

Apr 2025 – Present

- Built a machine learning app predicting UFC fight winners with 88.42% accuracy and finish outcomes with 73.26% accuracy
- Developed interactive visualizations and batch prediction via CSV uploads using Streamlit
- Used ensemble ML models with fighter stats, betting odds, and fight history for predictions

### Cashmate: Peer-to-Peer Lending and Expense Splitter | *MERN Stack, Redux, Tailwind CSS*

Apr 2025

- Built a web app for seamless peer-to-peer lending and expense tracking among friends
- Implemented real-time debt calculation and group expense splitting features
- Designed responsive UI using Tailwind CSS and managed state with Redux

### ISStow: ISS Stowage Management Tool | *FastAPI, React, MongoDB, Docker, Nginx*

Mar 2025 – Apr 2025

- Developed a full-stack storage management system for International Space Station
- Built FastAPI backend with MongoDB database and React frontend served via Nginx
- Deployed using Docker; finished in top 10 at a National Space Hackathon

### Metro Route Optimizer | *C++, Qt*

Apr 2025 – May 2025

- Designed a desktop application for optimizing metro routes using C++ and Qt
- Implemented algorithms to find fastest travel paths and intuitive UI for users
- Demonstrated skills in OOP, GUI development, and algorithm design

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, C++, Java, HTML, CSS, SQL

**Frameworks:** React, Node.js, Express, Vite, Flask, FastAPI, Qt, Streamlit

**Libraries:** pandas, NumPy, Matplotlib, Seaborn, scikit-learn, XGBoost, Plotly, Redux, Tailwind CSS, Axios

**Developer Tools:** Git, Postman, VS Code, Figma, Docker, Nginx, Vercel, Render, Canva

**Databases:** MongoDB, MySQL