

# DIVYANSHU PANDEY

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## Education

<b>Graphic Era Hill University</b> <i>B.Tech in Computer Science and Engineering</i>	<b>Oct 2021 – June 2025</b> <i>Uttarakhand</i>
<b>Shiksha Bharati Sr. Sec. School</b> <i>Higher Secondary</i>	<b>March 2019 – July 2021</b> <i>Khatima, Uttarakhand</i>

## Experience

<b>Google Developers Student Club (GDSC), Graphic Era University</b> <i>Core Member</i> <ul style="list-style-type: none"><li>Directed and coordinated <b>5+ tech events</b>, engaging over <b>200+ students</b>.</li><li>Led initiatives with <b>strategic planning and execution</b> of workshops and hackathons.</li><li>Facilitated <b>team collaboration</b> and ensured smooth event execution.</li></ul>	<b>Aug 2023 – Aug 2024</b>
<b>Trusting Brains (Remote)</b> <i>Internship</i> <ul style="list-style-type: none"><li>Built responsive UI components ensuring <b>cross-browser compatibility</b>.</li><li>Developed a full-stack <b>To-Do application</b> using React.js, Node.js, MongoDB with <b>real-time updates</b>.</li></ul>	<b>Oct 2023 – Dec 2023</b>

## Projects

### Personal Finance Tracker with Expense Prediction | ReactJS, Node.js, MongoDB, Python, Firebase

- Built a full-stack app to track and categorize daily expenses.
- Visualized spending trends using interactive charts.
- Used ML (time-series forecasting) to predict next month's expenses.
- Implemented authentication via Firebase (email & Google sign-in).

### Smart Disaster Alert and Resource Management System | React.js, Flutter, Node.js, Django, MongoDB, SQL

- Built a real-time disaster alert system using government APIs for earthquake, flood, and cyclone notifications.
- Integrated GIS-based risk mapping and emergency resource locators to support rapid emergency response.
- Developed AI-powered predictive models for efficient resource allocation and supply chain optimization.
- Enabled offline mode to maintain core functionality during network disruptions.

### Handwritten Digit Recognizer | Python, Keras, CNN, OpenCV

- Achieved **98% accuracy** on MNIST dataset using CNN.
- Improved training speed by 30% via preprocessing (normalization & reshaping).
- Integrated with OpenCV for real-time digit recognition.

## Certifications

<b>Tata Cybersecurity Security Analyst Simulation (Forage)</b> <ul style="list-style-type: none"><li>Simulated IAM project under guidance of TCS Cybersecurity team.</li><li>Gained hands-on knowledge of IAM and cybersecurity fundamentals.</li><li>Created documentation and presentation on technical findings.</li></ul>	<b>June 2025</b>
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## Skills

**Languages:** C, C++, Java, Python, JavaScript

**Frameworks/Libraries:** React.js, Node.js, Express.js, Mongoose

**Databases:** MySQL, MongoDB

**Tools:** Git, Firebase, Postman, OpenCV

**Relevant Courses:** DSA, DBMS, OS, CN, Machine Learning