

Aditya Singh

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Education

Babu Banarsi Das University (BBDU)

2023 – 2027

B.Tech in Computer Science & Engineering (AI) – Lucknow, UP

Relevant Coursework

Machine Learning, Deep Learning, Data Structures & Algorithms, Database Management Systems, Computer Networks, Operating Systems, Software Engineering, Artificial Intelligence, Web Development

Technical Skills

- **Languages:** C/C++, Python, Java, JavaScript, HTML, CSS
- **Developer Tools:** Git, Firebase, Debugging, Cloud Deployment
- **Technologies / Frameworks:** React, Node.js, Flutter, TensorFlow, MERN Stack

Projects

Stock Market Price Prediction (LSTM)

- Built deep learning model (LSTM) for NIFTY 50 stock price prediction
- Preprocessed time-series data, visualized predictions, improved forecasting accuracy

AI Model for Ocean Pollution Tracking (Group Project at BBDU)

- Combined IoT sensor data + image classification for pollution detection
- Implemented deep learning model, architecture design, and reports

Skill Swap – Mobile App Development

- Developed Flutter app for student skill exchange
- Implemented authentication, profiles, chat, and Firebase backend

Experience

Duplex Technology Pvt. Ltd. — Full Stack Developer Intern

June 2024 – Aug 2024

Lucknow, UP

- Worked on MERN stack (MongoDB, Express, React, Node.js) web applications
- Developed responsive components and integrated REST APIs
- Collaborated with backend team to optimize database queries
- Gained experience in Git, debugging, and cloud deployment

Leadership & Extracurricular

- Hackathon Participant — Represented university in coding and AI hackathons
- Project Leader — Led a 4-member team for AI Ocean Pollution Tracking project
- LeExperience — Guided student peers in collaborative tech projects