

ROSHISH DAHAL

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EDUCATION

Sharda University | Greater Noida, UP

Expected Completion May 2025

Bachelor of Engineering in Computer Engineering | CGPA: 8.272(Awarded scholarship)

Coursework: Core Computer Science, Laboratories and Practical Courses, Project Based Learning (4 volumes),

Internships (3 volumes), Humanities and Social Sciences, Engineering and Applied Sciences

Final year Project: Cloud Optimization (Expected Completion on 8th Semester)

Everest Secondary School | Biratnagar, Nepal

May 2017

National Examination Board | CGPA: 7.95

Coursework: Physics (Theory and Practical 2 volumes), Chemistry (Theory and Practical 2 volumes), Mathematics (2

volumes, Biology (Theory and Practical 2 volumes), Compulsory English (Theory 2 volumes), Compulsory Nepali

SKILLS

Skills: Java Programming, Python, HTML/CSS, SQL (Database Programming with SQL), MS Office

Certifications: Java Programming (Oracle Academic), AWS Academy Graduate - AWS Academy Cloud Foundations, Oracle Database Foundations, Introduction to Scripting in C# with Unity, Foundational Course in Managerial Economics (NPTEL), Strategy: An Introduction to Game Theory (NPTEL), Patent Law for Engineers and Scientists (NPTEL)

Others: Sports Co-Ordinator | Nepalese Community of Sharda University (2023-2024), Pre-event Manager | Nepalese Community of Sharda University (2024)

WORK EXPERIENCE

GSI Infra, Delhi, India | *Technical Intern*

5th June 2023-20th July 2023

- Front-End and Back-End Web Development: Mastered HTML5, CSS, JavaScript, Bootstrap, PHP, and Java for robust MVC-based web applications.
- Project Management and Agile Development: Led agile "Personal Blog Web Development" project, optimizing CSS and ensuring mobile responsiveness and UI enhancements.

PROJECTS

Academic | Sharda University | Plant Leaf Disease Detection Using Deep Learning

April 2024

- Developed a high-accuracy CNN model for classifying plant leaves as healthy or diseased.
- Created a tool for early plant disease diagnosis, enhancing proactive disease management strategies.

Academic | Sharda University | Sharda Assistance (NLP based Chatbot)

November 2023

- Led development of "Sharda Assistance," an NLP-based chatbot for college inquiries, enhancing user access to academic and administrative information.
- Implemented cutting-edge NLP algorithms to optimize query responses, improving user interaction and personalization.

Academic | Sharda University | Enhancing Trust and Transparency: A Blockchain-Based Decentralized E-voting System for Secure and Verifiable Elections

May 2023

- Designed blockchain-based e-voting systems ensuring security, transparency, and accessibility through cryptography and smart contracts, advancing secure voting technologies.

Academic | Sharda University | Smart Cane using Arduino.

December 2022

- Engineered a Smart Cane with Arduino, ultrasonic sensors, and haptic feedback for visually impaired safety.
- Innovated an ergonomic Smart Cane integrating sensors for enhanced mobility and future Bluetooth and LIDAR capabilities.