ABHAY KUMAR MANDAL

Software Developer

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Gwarko, Lalitpur 🏠

SUMMARY

Aspiring software developer with a foundation in .NET, ASP.NET, React, SQL, and Firebase, and hands-on experience in robotics and data management. Currently enhancing .NET skills through coursework at Broadway Infosys. Dedicated to learning and contributing to impactful technology solutions, with a growing interest in cloud platforms like Azure.

EDUCATION

Texas College of Management and IT
Bachelor in Information Technology
Expected Graduation: May 2025

Birgunj Public College
High School
2018 - 2020 AD

PROFESSIONAL EXPERIENCE

Robotics Mentor and Event & Logistics Co-Lead
Robotics Association of Nepal (RAN) | April 2023 - May 2024
- Led robotics events, coordinating teams and logistics for competitions and technology festivals.
- Conducted ECA robotics activities, teaching students across the Kathmandu Valley.

Intern
Robotics Association of Nepal (RAN) | June 2022 - March 2023
- Gained practical experience in robotics projects, contributing to team initiatives and building technical skills.

SKILLS

- Programming Languages: C#, Python, Arduino, .NET, ASP.NET, JavaScript, SQL
- Frontend Framework: React
- Database: Firebase, SQL
- Data Analysis: NumPy, Pandas
- Other Skills: Adaptability, Quick Learning, Team Collaboration

PROJECTS

Calculator App
- Developed a basic calculator application using C# to perform arithmetic operations with a user-friendly interface.

Local Farm: Smart Greenhouse Management System
- Built an SPA using React and Firebase for seamless data management and real-time updates, focusing on responsive design and user experience.

Laundry Management System
- Created a web-based laundry management system using ASP.NET, enabling tracking, invoicing, and client management for laundry businesses.

Recipe Manager Web App
- Designed and implemented a recipe management app using HTML, CSS, and JavaScript, allowing users to browse, save, and categorize recipes.