

Debjyoti Mondal

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EDUCATION

Govind Ballabh Pant University of Agriculture and Technology <i>Bachelor of Technology in Computer Engineering</i>	Pantnagar, Uttarakhand, India October 2022 – June 2026
Indian Institute of Technology, Madras <i>Bachelor of Science in Data Science and Applications</i>	Chennai, Tamil Nadu, India June 2023 – Present

EXPERIENCE

Executive Member <i>The Robotics Club, G. B. Pant University of Agriculture and Technology</i>	July 2024 – Present Pantnagar, Uttarakhand, India
<ul style="list-style-type: none">Led and managed multiple events and projects, demonstrating strong teamwork and coordination skills.Built a universal radio controller for 4x4 control of cars and drones.	
Member <i>The Robotics Club, G. B. Pant University of Agriculture and Technology</i>	September 2023 – June 2024 Pantnagar, Uttarakhand, India
<ul style="list-style-type: none">Built a Wi-Fi smart door system with password access and remote control capability.Built an automatic plant monitoring system to optimize plant care using real-time data.	

PROJECTS

NewsHelp <i>Next.js, MongoDB, React Redux, Nodemailer, Quill, Firebase Auth, Sanity</i>	May 2024 – Present
<ul style="list-style-type: none">Developed a full-stack web application using Next.js with SSR for nice SEO and Bootstrap for styling.Implemented Google OAuth, and password for authentication.Provided Admin Dashboard for managing articles with Sanity CMS support.Email verification and password reset implementation.	
Alumni cell GBPUAT <i>Next.js, MySQL, Cloudinary, Tailwind, Firebase Auth</i>	October 2024 – Present
<ul style="list-style-type: none">Developed a platform for alumni of GBPUAT to connect and share their experiencesImplemented profile management along with search functionality where anyone can search for alumni profiles.	
HouseGenie <i>Flask, SQLite, JWT, Bootstrap</i>	October 2024 – December 2024
<ul style="list-style-type: none">Developed a Household Service app for IITM MAD-I ProjectImplemented Bcrypt Auth, Profile management, Admin Control, Graphs and Stats	
GBPUAT Events <i>Next.js, MongoDB, Cloudinary, Google APIs, Tailwind</i>	October 2024 – November 2024
<ul style="list-style-type: none">A platform for GBPUAT to manage events and its attendance systemManage events, registrations, invitations, and emails with attractive UI/UX	

TECHNICAL SKILLS

Languages: Java, Javascript/Typescript, Python, PHP, C/C++, HTML/CSS, Bash
Frameworks: Next.js, React, Node.js, Express.js, Flask, JavaFX, Tailwind CSS, Bootstrap, Material-UI
Databases: MySQL, PostgreSQL, MongoDB, Neo4j
Developer Tools: Git, VS Code, Linux, Postman, Firebase, Clerk, Vercel, LaTeX
Libraries: Mongoose, Redux, ShadCN, Axios, JWT, Quill.js, Chart.js
IOT Devices: ESP 32, ESP 8266, Raspberry Pi Pico, Arduino