PROLAY HALDER

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CAREER OBJECTIVE

To Secure a challenging position as a software developer in a dynamic organization where I can leverage my technical skills, passion for problem solving, and enthusiasm for learning new technologies to contribute to organizational success while continually growing professionally.

EDUCATION

Guru Nanak Institute of Technology   *Sep 2022 – Present*
B.Tech in Computer Science Engineering, 4th Year (7th Semester)
Average YGPA (Sem 1–5): 8.75

SKILLS

Languages: C, Python, HTML, CSS, javaScript, Java, PHP
Frameworks/Tools: Django, MongoDB, Git and GitHub, Google Cloud
Concepts: Operating System, DBMS, Machine Learning, Prompt Engineering
IoT: Arduino Uno, Sensors

PROJECTS

Spend Server – Expense Management System (Django, MongoDB, Python, HTML/CSS, Google Cloud)
Built a full-stack personal finance web app to track expenses, manage loan/borrow records, and generate invoices. Integrated insightful analytics and hosted the application on Google Cloud for reliable access.

ShareGuy - Secure File Sharing Web App (Django, HTML/CSS, Python)
Developed a secure file sharing platform with QR code generation, email integration, and password-protected access. Ensured data privacy using encryption techniques.

Safe Vault - Password Manager Web App (Django, MongoDB, Cryptography)
Built a web-based credential manager with encrypted storage using MongoDB. Implemented authentication for login and secure back-end integration.

DietCraft - AI Based Diet Planner (In Progress) (Python, ML, Pandas, Sklearn)
Building a machine learning model to predict personalized diet charts using user input data such as age, health conditions, and goals.

Smart Home Automation System (Arduino Uno, Sensors, C++)
IoT project to automate appliances using sensors, focusing on real-time control and energy efficiency.

CERTIFICATIONS

- Python with Django Training – Ardent Computech Pvt. Ltd. (Feb 13, 2024)

- Generative AI and Prompt Engineering – Webel Fujisoft Vara Centre of Excellence in Industry 4.0 (Jul 31, 2024)

- NPTEL – Artificial Intelligence Search Method for Problem Solving (Certificate Earned) (Jul - Oct 2024)

- NPTEL – Soft Computing Techniques (Elite Certificate) (Jan - Apr 2025)

- Deloitte Tech Virtual Job Simulation – Forage (Jun 23, 2025)

EXTRACURRICULAR ACTIVITIES

- Member of Marketing Team – ZYZVAA Cultural Fest (Mar 14–15, 2024)

- Event Head – Web Dev Event, Techverse 3.0 (Nov 5–6, 2024)

LANGUAGES

Bengali: Native   **English:** Advanced   **Hindi:** Advanced

HOBBIES AND INTERESTS

Hobbies: Video Editing, Videography
Interests: Java, javaScript, PHP, Web Development