

UJJWAL SHARMA

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 github.com/UjjwalSharma0112  [Ujjwal Sharma](#)  [My Portfolio](#)

OBJECTIVE

Seeking a **Software Engineering internship** to leverage my skills in **Web Development**, particularly **Typescript**, **Python**, **React.js**, **Node.js**, **PostgreSQL**, and **MongoDB**, while gaining hands-on experience and contributing to innovative projects.

EXPERIENCE

TechSprint- 48H [Hackathon], Graphic Era University

August 2023 - August 2024

- Tech Stack: **IOT, Next JS, Gemini Api, Model Context Protocol, Twilio api**
- We made a smart helmet that sends the authorities location of accident increasing the chances of rider to survive. Handsfree control over device using LLM and MCP's(model context protocol) for users for example : quick commerce delivery driver.

SKILLS

Languages	C++, Python, Typescript, Java, SQL, HTML, CSS
Technology/Framework	React, Git, Github , Mongo , AWS , VanillaJS , NodeJS , ExpressJS , Docker, Linux,
Databases	SQL , SQLite3, MongoDB, PostgreSQL

PROJECTS

- **RideWise CarPooling Management** **Node Js , React JS, sqlite3**
RideWise is a smart, map-based carpooling web application that enables users to request rides by selecting pickup and drop-off locations on a live map. It simulates **real-time driver** matching and route planning, combining **geospatial data** with modern web technologies.
- **Cruz-Link** **IOT, NextJS ,Gemini Api, Mcp, NodeJS**
Built an AI powered smart helmet with live crash detection for safety using esp-8266 and gyroscope module , and Text-To-Speech support for processing natural language queries with use of Gemini Api integrated with model context protocol to execute any responses. Responsible for making the backend processing the request and response ,prompting ,mock zomato server and enabling the communication between the mcp server and gemini api. Here my [Hashnode](#) article describing the system architecture in detail

CODING PROFILES/ACHIEVEMENTS

- **Cloud Practitioner Essential Certification** on **AWS Skill Builder**.
- Solved **80+ Questions** on [Leetcode.com](#).
- Qualified **Top 10** in **Hack-o-Holic 3.0** Hackathon held at Graphic Era Hill University amongst **100** teams.
- Cleared two rounds of **TCS CodeVita Season 12**, where 3,50,000 people participated.

EDUCATION

B.Tech Computer Science & Engineering
GPA: 8.69/ 10.0

Graphic Era University, Dehradun, Uttarakhand
August, 2023 - July, 2027

Class 12th, Summer Valley School
Percentage: **93.80%**

Dehradun , Uttarakhand
April, 2022 - April, 2023