Dev Karan Yadav

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Education

Institute Of Engineering and Management, Kolkata — **GPA 8.86**
Bachelor of Technology, Computer Science Engineering - IOT — *Sept 2021 - July 2025*

Indian School of Learning, Jharia — **84%**
Intermediate[CBSE] — *2020*

Tata D.A.V. Public School, Sijua — **92.3%**
Matriculation [CBSE] — *2018*

Skills

Core Subjects: DBMS, Computer Networks, OOP
Languages: C++, C
Programming: Dart, HTML, Tailwind CSS
Backend: NodeJS, ExpressJS, RESTful APIs, JWT, Firebase, MongoDB
Tools: Git/GitHub, Postman, Firebase, MongoDB Compass, VSCode, Android Studio, Eclipse
Design Tools: Figma, Adobe Photoshop, Canva.
IoT and Embedded Systems: Arduino IDE, Sensor Integration, Real-time Monitoring, Alarm Systems

Experience

Fringale — **Remote**
Flutter Developer — *Jan 2024 - Apr 2024*

- Translating intricate Figma UI designs into responsive and visually engaging interfaces, ensuring usability across various devices.
- Seamlessly integrating it's frontend with its backend, facilitating rapid data exchange and real-time updates for users' convenience.

Writoo — **Remote**
Web Content Writer — *Feb 2023- Mar 2023*

- Authored concise, user-friendly guides to troubleshoot application and device issues. Combined personal insights and research to deliver effective solutions.
- Produced clear troubleshooting content for Writoo, offering practical fixes for common tech glitches. Enhanced guides with illustrative screenshots for user clarity.

Projects

Infintiy Gifts — **Flutter, Dart, NodeJS, ExpressJS ,MongoDB, GPT 3.5, Cloudinar,y, GitHub, Postman**

- Developed an AI powered eCommerce platform for gift items with features for search, category browsing, cart management, and secure payments via Google Pay
- Implemented admin tools for product management, order tracking, sales analysis, and updating order statuses.
- Integrated ChatGPT 3.5 API to provide personalized gift suggestions through a dedicated chat feature.

JobDotCom — **Flutter, Dart, NodeJs, ExpressJS, MongoDb, Socket-io, Railway, GitHub, Postman**

- Developed a job marketplace app enabling users to search, browse, apply, and manage profiles.
- Implemented admin functionalities for job posting, management, and applicant details.
- Integrated real-time chatting using socket.io for direct communication between job seekers and recruiters.

IOT based Safety helmet for Industrial workers — **Arduino IDE, Sensors, LCD Display, Buzzer**

- Designed and developed the safety helmet using Arduino IDE and various sensors (MQ2, MQ135, KY038, DHT11, and ultrasonic sensor) and its libraries
- Implemented real-time monitoring of flammable gases, air quality, humidity, temperature, noise levels, and overhead obstacles
- Implemented an LCD display and buzzer for immediate notification of hazardous conditions, ensuring worker safety and accident prevention in industrial settings

Positions of Responsibility

- Organised **IEMHACKS 2.0** annual hackathon of **Institute of Engineering and Management, Kolkata**.
- Organised **Quizzophrenia'23**, annual Quiz fest of **Institute of Engineering and Management, Kolkata**.
- General secretary of **IEM Humour Club** of the **Institute of Engineering and Management, Kolkata**.

Certification

- Introduction to Cybersecurity Tools Cyber Attacks - Coursera.
- Introduction to Internet of Things - NPTEL.