

**Name of Student- Aryan Kumar**  
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**Address for Correspondence:**

University of Petroleum and Energy Studies  
Energy Acres PO Bidholi via Prem Nagar  
Dehradun-248007(Uttarakhand), India

**CAREER OBJECTIVE**

A motivated and detail-oriented B.Tech student specializing in Computer Science Seeking an opportunity to apply technical skills and academic knowledge in a challenging internship/full-time position to contribute to innovative projects and grow professionally.

**ACADEMIC BACKGROUND**

Year	Qualification/ Degree	Board/University	College/ Institute	Percentage / CGPA
2022-202	B. TECH (COMPUTER SCIENCE )	University of Petroleum & Energy Studies	University of Petroleum & Energy Studies	
2021-22	Class XII	CBSE	Vanasthali Public School, Ghaziabad	75%
2019-20	Class X	CBSE	Vanasthali Public School, Ghaziabad	80%

**ACADEMIC/ EXTRA CURRICULAR ACHIEVEMENTS**

- Qualified NSTSE
- Won huddle race
- received certificate for drawing by Bajaj

**Technical Skills**

- **Programming Languages:** C, Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, React
- **Database Management:** MySQL, MongoDB postgresql
- **Tools & Platforms:** Linux, AWS
- **Others:** Data Structures, Algorithms, Machine Learning, IoT

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**Projects**

**Project 1 : Video Chatting App**

Developed a real-time video chatting application leveraging WebRTC technology for seamless video and audio communication. The project included features like user authentication, peer-to-

peer connectivity, dynamic room creation, and chat functionality. Implemented frontend with React.js and backend with Node.js and Socket.IO for real-time signaling. Ensured responsive design and optimized performance for low-latency video streaming. The project emphasized secure communication using end-to-end encryption and was hosted on cloud infrastructure for scalability.

Technologies: React js

GitHub Link: <https://github.com/Aryan0945/video-chat-app>

### Project 2 : Optimising Group Expense

Designed and implemented a group expense management application inspired by Splitwise. The application allows users to track shared expenses, split bills, and manage settlements efficiently. Developed key features like adding expenses, tracking balances, generating reports, and notification reminders for dues. Built with a user-friendly interface using React.js and a backend powered by Node.js and MongoDB for real-time data updates and storage. Focused on ensuring scalability and accuracy in calculations, with deployment on cloud infrastructure for accessibility.

Technologies: [e.g., JavaScript, Node.js, mysql, MongoDB]

GitHub Link: <https://github.com/Aryan0945/Optimising-Group-Expenses>

### Certifications

- Python - 3 Months
- AWS Certified Solutions Architect - 3 Months
- AWS Certified Cloud Practitioner Essentials

### Certificates Link

[https://drive.google.com/drive/folders/1Jrn7lmvM\\_Vs\\_izFF4W3vkyNxMvO3aNbx?usp=drive\\_link](https://drive.google.com/drive/folders/1Jrn7lmvM_Vs_izFF4W3vkyNxMvO3aNbx?usp=drive_link)

### Extracurricular Activities

- **Volunteering:** volunteering in Vanasthali Public school
- **Sports & Hobbies:** Badminton, Cricket

### SOFT SKILLS

- **Communication:** Excellent written and verbal communication skills

**Teamwork:** Ability to work effectively in a team environment

- **Problem-Solving:** Strong analytical and critical thinking abilities
- **Leadership:** Demonstrated leadership in academic projects and club activities

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### Languages

- **Communication:** Excellent written and verbal communication skills
- **Teamwork:** Ability to work effectively in a team environment
- **English:** Fluent
- **Hindi:** [Proficient/Native]

### PERSONAL DETAILS

Date of Birth	:	(30/07/2006)
Father's Name	:	Mr. Sunil Kumar
Mother's Name	:	Mrs. Meena Sharma
Gender	:	Male
Nationality	:	Indian
Permanent Address	:	sector -7 Krishna colony Gurgaon Haryana
Contact Number	:	+91 8448439157

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### **Declaration**

I hereby declare that the above information is true to the best of my knowledge.

- **Aryan Kumar**

