

# Sumit Kumar

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## Education

### Jaypee University of Information Technology

Jun 2023

Bachelor of Science in Computer Science (CGPA: 8.9 / 10.00)

Solan, Himachal Pradesh

- **Relevant Coursework:** Data Structures and Algorithms (C++), Operating Systems, Machine Learning, Networking, Databases

## Experience

### ZopSmart Technologies

Aug 2023 – Present

Software Engineer

Noida

- Developed microservices using Golang for a prominent client, Kroger
- Designed and implemented multiple product APIs with a focus on data orientation and product attribute hydration
- Created a data adapter to read data from a source in bulk and integrate with the data-oriented APIs, enabling efficient data processing and transfer
- Contributed to the development of a golang microservice, responsible for managing hierarchical relationships between various product types and categories
- Collaborated with the Frontend team to deliver complex data requirements, including data hydration and handling node movements, ensuring seamless integration and efficient data exchange

### ZopSmart Technologies

Feb 2023 – Aug 2023

Software Engineer Intern

Noida

- Developed a microservice for handling car management service, which handles sophisticated logic for creation and fetching car details.
- Contributed to a microservice written in Golang to upload media (Images, Videos, Text Files), on cloud platform storage like GCP, Azure blob storage and return the URL to access the same.
- Refactored and contributed to an e-commerce microservice that suggests offers based on various factors like cart, product buy, personalized offers.
- Learn about various tools/technologies : docker, kubernetes, kafka, prometheus, grafana, harness, rancher.

### Amazon ML Summer School

Jul 2022 – Aug 2022

Student Developer Intern

Remote

- Learn about key ML topics like Supervised Learning, Deep Neural Networks, Probabilistic Graphical Models, Dimensionality Reduction, and Unsupervised Learning

## Projects

### Todo API | Golang, HTMX, Tailwind-CSS

- Developed a Todo API using Go and HTMX, focusing on task management and user authentication
- Designed and implemented a CRUD API for tasks and user data, ensuring efficient data management and retrieval
- Integrated authentication and session management to secure user data and ensure seamless user experience

### TNP Portal | Next-JS, Tailwind-CSS, Node-JS, JSON Server

- Developed a Next.js web app for a TNP portal, focusing on student information management and analysis
- Designed a CRUD API for admin, student, and job data integrated with open-source APIs from LeetCode, CodeForces, SPOJ, and InterviewBit to provide student performance insights

### Polygon FPS Game | Unity3D, C#, ShaderLanguage, PostProcessing, Animation

- Developed a First-Person Low Poly Interactive Shooter Game using Unity3D, showcasing expertise in game development and 3D graphics
- Implemented various post-processing profiles, animations, sound effects, and textures to create an immersive gaming experience

## Technical Skills

**Languages:** Go, C++, C, Python, Godot, C-Sharp

**Technologies/Frameworks:** Git, SQL, Docker, Kubernetes, Kafka, Prometheus, React.js, Next.js, TensorFlow, PyTorch, Bootstrap, Node.js, dotnet, Unity3D, HTMX

**Concepts/Skills:** API Development, Debugging, Analysis, Linux, Compiler, Operating System, Databases, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology