

Garima Kashyap

B.Tech Computer Science and Engineering (2021 – 2025)

Jharkhand University of Technology

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GitHub Profile

LinkedIn Profile

TECHNICAL SKILLS AND INTERESTS

Languages : C, C++, HTML, CSS, Javascript

Developer Tools: Git, GitHub, VS Code

Frameworks : ReactJS, MERN Stack

Cloud/Databases: MySQL, AWS, Firebase, Pinecone Vector Database

Machine Learning & NLP: Word2Vec, NLP, Sentence Embeddings, Vector Search

Soft Skills : Communication, Leadership, Adaptability, Teamwork

Coursework : Software Development, Data Structures and Algorithms

Areas of Interest : Coding, Planning

EXPERIENCE

•Ardent Computech PVT Ltd

06/2024 - 07/2024

Mobile App Development Internship

Dumka

- Developed a Java-based mobile application with Firebase, improving data retrieval speed.
- Added features like Data Browsing and user authentication, enhancing user engagement by 40 per cent.
- Collaborated with a team of 3, improving project delivery speed through daily stand-ups and code reviews.

•Lawazia Tech

June, 2023

App Camp Internship

PROJECTS

•ConstVidSearch

Project Link

Implements $O(1)$ complexity for retrieving relevant videos.

Dec 2024 – Feb 2025

- **Tools & Technologies Used:** Java, AWS, Android Studio, Vector Database, NLP Algorithm.
- Utilized Microsoft Multilingual Transformers to generate vector embeddings for video titles and descriptions, improving search accuracy.
- Implemented scalable cloud storage and a user-friendly interface, securely storing video files and metadata on AWS (S3, DynamoDB).
- Leveraged Pinecone Vector Database for fast retrieval, enabling instant video search by title, improving user experience.
- Integrated NLP-based query processing, allowing users to search videos using natural language commands.

•Jharkhand Police Web App

Project Link

Intuitive UI and Secure Access: Simple navigation, complaint registration, and JWT authentication.

Mar 2024 – Apr 2024

- **Tools & Technologies Used:** MERN Stack (MongoDB, Express.js, React.js, Node.js), MySQL, JWT, Nodemailer.
- Designed an intuitive UI, ensuring easy navigation and complaint registration with real-time updates.
- Implemented JWT authentication for secure user access and role-based permissions.
- Integrated Nodemailer for instant complaint submission, ensuring real-time delivery to police stations.
- Scalable backend architecture with Node.js, Express.js, and MySQL, handling thousands of users efficiently.

EDUCATION

•Dumka Engineering College

B.Tech in Computer Science and Engineering

CGPA: 7.72

ACHIEVEMENTS

- 1st Rank in Coding Arena Competition (04-04-2024)
- 10th Rank in GeeksforGeeks Coding Platform