

# Aarti Bhutra

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## Summary

Aspiring Software Developer with a strong foundation in full-stack development and problem-solving. Skilled in Java, MERN stack, and data analysis with a consistent academic record and hands-on project experience.

## Education

- Pursuing B.Tech in Computer Science and Engineering (Specialization in AI & ML with Xebia), JECRC University (2022–2026); currently maintaining a 9.4 CGPA through 6 semesters

## Skills

- **Languages:** Java, SQL, JavaScript, Python, C++.
- **Tools and Platforms:** IntelliJ, VS code, Netbeans, Codeblocks, Dev C++, Jupyter and Google Colab, Postman.
- **Web Development:** MERN, Git and Github, Tailwind, Bootstrap, Zod, Multer, JWT.
- **Database:** MySQL, MongoDB, PostgreSQL
- **Concepts:** Data Structures and Algorithms, Operating Systems, Computer Networks, DBMS, Machine Learning, Python libraries with pandas, numpy, matplotlib, and seaborn.
- **Soft Skills:** Strong problem-solving skills, effective teamwork and active listening abilities, excellent communication, adaptability to new challenges, and time management skills.

## Projects

- **[Discord Bot](#)**
  - Developed a Discord bot using Node.js and discord.js, implementing message-based commands and slash commands with Gateway Intents.
  - Utilized dotenv for secure environment variable management and integrated external APIs to respond with dynamic URLs and data.
- **[Url Shortner](#)**
  - Develop a URL shortener using MongoDB, Express, Mongoose, and NanoID, following the MVC architecture.
  - Generate short URLs, track total clicks, and implement redirection to the original link.
- **[Blogging Web Application](#)**
  - Built a full-stack blog application using Node.js, Express.js, EJS templating, and MongoDB with Mongoose for dynamic content rendering and data storage.
  - Implemented JWT authentication, cookie handling, secure environment variables, file uploads with Multer (DiskStorage), and styled UI using Bootstrap and Crypto for hashing.
- **[CompileStorm](#)**
  - Developed a full stack online compiling web application which can compile code in multiple languages and show output with user authentication and authorization.
  - Tech Stack: MongoDB, mongoose, Zod, React, Express, Node, Javascript, Piston API

## Experience

- **Xebia Internship — AI/ML Domain | June to Present**
  - Contributing to real-world projects and enhancing skills in machine learning, data preprocessing, model building, and AI concepts under expert guidance.

## Achievements

- Solved 350+ questions on LeetCode.