YASHPREET

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EDUCATION

B.Tech in Computer Science and Engineering Expected 2026
VIT Bhopal University, Bhopal *CGPA: 8.39/10*

TECHNICAL SKILLS

Programming: Java, SQL, C++, Python, JavaScript

Backend: Node.js, Express.js, Django, REST API Development

Web/UI: HTML5, CSS3, Tailwind CSS

Databases: MySQL, MongoDB, OracleDB

Data/ML: Pandas, NumPy, Matplotlib

Tools: Git, GitHub, Aws

PROJECTS

DocDispatch | LINK
Frontend Developer **In Progress**
- Designed a responsive healthcare portal with optimized UI, improving mobile accessibility by **40%** and ensuring cross-browser compatibility.
- Built role-based dashboards for healthcare providers and patients, reducing issue response time through real-time alerts.

VideoTube Backend | LINK
Backend Developer **Feb 2025**
- Engineered and deployed a scalable Node.js + Express backend handling **100+ concurrent requests** with optimized RESTful APIs for video upload, streaming, and authentication.
- Integrated MongoDB with indexed queries, improving data retrieval speed by **35%** and ensuring high availability with replication.
- Implemented secure file handling, JWT-based authentication, and advanced search features, increasing user retention .

Responsive Web Music Player
FullStack Developer **2025**
- Developed a fully responsive music player web app with **100% Lighthouse accessibility score**, ensuring seamless experience across devices.
- Implemented advanced playback features (looping, shuffling, playlist management) using vanilla JavaScript, improving user engagement .
- Integrated local storage for persistent playlist management, enabling data retention without server dependency.

RELEVANT COURSEWORK

- Data Structures Algorithms, Operating Systems, DBMS, Computer Networks, OOP, Data Science, Cyber Security, Statistics, Web Development

ACHIEVEMENTS

- Ranked **top 1%** nationwide in NPTEL Marketing Analytics (2025); completed #100DaysOfCode, delivering 10+ production-grade projects in JavaScript and backend technologies.

PERSONAL DETAILS

Languages: Hindi, English, Punjabi, Japanese

Soft Skills: Communication, Teamwork, Problem Solving, Time Management

Interests: Algorithms, Web Development, Open Source Contributions