

Arvind Yadav

Bhopal, IN 462041 | 7049693070 | arvindyadav.20062005@gmail.com |

LinkedIn: <https://www.linkedin.com/in/arvindyadav2028/>

Summary

To leverage my technical skills and internship experience as a fresher, while contributing effectively to the objectives and success of the organization.

Work History

Software Developer Intern

Parabit Technology Pvt. Ltd., Bhopal, India — February 2025 - July 2025

- Engineered and deployed a Java-based OCR solution using Tesseract, enabling high-accuracy automated text extraction from scanned documents and PDFs.
- Integrated backend services between Java and Node.js to enable seamless communication between OCR processing modules and the web-based frontend, improving system scalability and maintainability.
- Implemented advanced QR and barcode scanning with ZXing (Zebra Crossing), enabling automated metadata extraction, real-time validation, and faster document/pass processing.
- Designed a **robust MySQL schema** for storing OCR results, metadata, and audit logs, delivering reliable search, retrieval, and analytics capabilities.

Skills

- **Programming Languages:** Java, C, C++, JavaScript, SQL
- **Java Development:** Core Java, JavaFX, Java Swing
- **Frontend:** HTML, CSS, Tailwind CSS, React
- **Backend & Frameworks:** Node.js, Express.js, JDBC, MySQL, MongoDB
- **Libraries & APIs:** Tesseract (OCR), ZXing (QR/Barcode Processing)
- **Tools & Platforms:** Git, GitHub, Apache Server

Education

Bachelor in Technology in Computer Science And Engineering — Expected in July 2027

Lakshmi Narain College Of Technology, Bhopal

CGPA 7.72

Intermediate (Class XII)

Kendriya Vidyalaya, Harda (M.P), India

April 2023 | Final Grade: 84.8%

Projects

INSS – Intelligent Network Sentinel System

Developed a multi-module system for real-time vehicle monitoring, registration, and toll management using MERN stack (web) and **JavaFX + Swing (desktop)**.

- Vehicle Registration: Built a web portal with image BLOB storage in MySQL for secure record-keeping.
- Live Monitoring: Auto-refresh **traffic graphs from toll database** every 5s.
- OCR & Barcode: Integrated **Tesseract OCR** and **ZXing** for document and pass scanning.
- Admin Dashboard: Role-based access with data analytics and reporting.

Room & Hotel Listing Web App (Full-Stack Project)

Node.js | Express.js | MongoDB Atlas | HTML/CSS/JS | MVC Architecture

- Developed a dynamic web app where users can register, log in, and post room listings with rent and location.
- Integrated MongoDB Atlas for secure cloud-based data storage.
- Implemented authentication and access control; only listing owners can delete or modify their content.
- Followed clean MVC folder structure; used Node.js packages like express-session, etc.
- Booking system was planned as a future enhancement but not implemented due to time constraints.

Languages

- Hindi (Native), English