





# HARIHARAN R

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## OBJECTIVE

A highly motivated final-year Computer Science and Engineering student with strong Java development skills, looking to use my technical knowledge and problem-solving abilities in a challenging engineering role. Excited to work on innovative projects and grow in a fast-paced, technology-driven environment.

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## Skills

- **Front-End Languages and Frameworks:** NextJs, HTML, CSS3, TailwindCSS, TypeScript
  - **Back-end Languages and Frameworks:** Java, JSP, Servlets, Hibernate, JUnit5, Spring Core, RestFul Api, Spring Boot 3 (Web, Data JPA)
  - **Databases and Cloud Services:** MySQL, MongoDB, AWS - S3, EC2, IAM, Lambda
  - **Development Tools:** GitHub, Maven, Postman, MongoDB Compass, Eclipse, Vercel
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## Projects

**JobQuest** - RESTful API for Job Posts Management

**Tech Stack:** Java 21, Spring Boot 3, Maven, MongoDB, MongoDB Atlas

- Designed and implemented a RESTful API to manage job postings, supporting full CRUD (Create, Read, Update, Delete) operations.
- Integrated MongoDB for scalable and flexible data storage, leveraging MongoDB Atlas for cloud database hosting. Developed advanced search functionality for job posts with filter options, improving data retrieval efficiency.

**Event Management System** - RESTful API for Managing Events and Event Attendees

**Tech Stack:** Java 21, Spring Boot 3, Maven, H2 Database

- Developed a comprehensive RESTful API for managing events, venues, and attendees, including CRUD operations.
- Integrated H2 in-memory database for fast and efficient data management during development and testing.

**DentaBot** - AI-Powered Dental Assistant

**Tech Stack:** Next.js, TypeScript, Tailwind CSS, Gemini 2.0 Flash, Nodemailer, Axios, Vercel

- Designed and developed a modern, responsive UI using Next.js and Tailwind CSS, ensuring an intuitive user experience across devices.
  - Optimized API request handling using Axios, reducing response time and improving chatbot efficiency. Integrated Gemini 2.0 Flash LLM, enabling intelligent and context-aware responses for dental-related queries.
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## EDUCATION

### **Bachelor of Technology - Computer Science and Engineering**

Manakula Vinayagar Institute of Technology, Puducherry

CGPA - 8.675 (Upto 6th Semester)

### **Higher Secondary School Certificate HSC**

SRVS National Higher Secondary School, Karaikal.

### **Secondary School Leaving Certificate SSLC**

SRVS National Higher Secondary School, Karaikal.

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## Certifications

- Java (Basic) - HackerRank
- Introduction to Git and GitHub - Google
- SQL (Basic) - HackerRank