

JAYESH RL

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Bangalore Karnataka India

COMPUTER SCIENCE STUDENT | AI & FULL-STACK DEVELOPER

Motivated Computer Science student specializing in Artificial Intelligence and Machine Learning, with hands-on experience in full-stack development, AI applications, and data-driven solutions. Passionate about creating scalable, real-world tech products through innovative AI and web technologies.

STRENGTHS AND EXPERTISE

Languages:	AI/ML & Data:	Web & App Development:
Python, Java, JavaScript, TypeScript, SQL	AI/ML Model Deployment, EDA, REST APIs, SEO Optimization	React.js, Next.js, Firebase, Spring Boot, Three.js
Databases:		
MySQL, MongoDB, Supabase, Firebase		

PROFESSIONAL EXPERIENCE

Humans Care Foundation Lead Software Developer	June 2019 - Present
Spearheaded the design, development, and deployment of the official website for Humans Care Foundation (www.thehcf.org.in) with integrated backend services, secure authentication, and multi-role access control.	
Accomplishments:	
<ul style="list-style-type: none">Developed a fully responsive, SEO-optimized website using Next.js, TypeScript and Firebase.Implemented a multi-role based access control system (Admin, Teacher, Student) with differentiated dashboard views.Integrated multiple authentication methods including Email/Password and Google Sign-In via Firebase Authentication.Deployed the live website with SSL security, domain management, and real-time database operations.Achieved over 100+ active users within the first month of launch.Attained an impressive 97 Lighthouse performance score, ensuring fast load times, mobile responsiveness, and optimized SEO.Collaborated with stakeholders to gather requirements, iterate designs, and deliver a production-ready platform under strict deadlines.	

Tech Stack: Next.js, TypeScript, Firebase (Authentication, Realtime Database, Hosting), SEO Optimization, Lighthouse Auditing

Why Digit System Private Limited Backend intern	January 2025 - February 2025
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Worked as a Backend Development Intern, contributing to the design, optimization, and deployment of enterprise backend systems using Java, Spring Boot, and SQL.

Accomplishments:

- Developed and optimized backend services using Java, focusing on clean architecture and maintainability.
- Implemented database management solutions, handled data modeling, and optimized complex SQL queries for performance.

- Integrated **Spring Boot frameworks** to develop **scalable and efficient backend** applications.
- Created and tested **RESTful APIs**, ensuring compliance with **security** and error-handling best practices.
- Collaborated with cross-functional teams to **enhance system performance, scalability**, and **data integrity**.
- Explored **API security protocols** and **backend optimization techniques** to improve application robustness.

Tech Stack: Java, Spring Boot, SQL, REST APIs, Postman, MySQL

EDUCATION

Dayanand Sagar University

Bachelor of Technology

Computer Science and Engineering (Artificial Intelligence and Machine Learning)

Graduating Year: 2027

CGPA: 9.41

PROJECTS

Humans Care Foundation Website

Lead Web Developer | Deployed | June 2025 – July 2025

- Developed and deployed a **fully responsive, SEO-optimized** website using Next.js, TypeScript and Firebase.
- Implemented a **multi-role system** with Google and email authentication.
- Achieved a **97 Lighthouse performance score** and **100+ active users**.

React Portfolio Website

Personal Portfolio | Deployed | Mar 2025

- Built a **personal portfolio** website using React.js, showcasing project highlights, skills, and interactive sections.
- Integrated **smooth animations**, responsive layouts, and deploy-to-live hosting.
- check it out here [link](#)

Static Orrery (NASA Hackathon Project)

Deployed | Oct 2024

- Created an **interactive 3D planetary simulation** using **Three.js** and JavaScript.
- Implemented **Static orbits, animations**, and real-time interaction controls.
- Focused on visual storytelling, performance optimization, and immersive UI/UX.
- check it out here [link](#)

ThreatPeek – AI-Powered Security Scanner

Deployed | ThreatPeek – AI-Powered Security Scanner

- Built a full-stack web app that detects exposed API keys and security flaws in websites.
- **Implemented AI-based threat detection logic with Express.js backend and TypeScript frontend.**
- Deployed on Vercel and Render with integrated CORS, rate limiting, and Helmet middleware.
- check it out here [link](#)

HealthPredict – Multi-Disease Prediction System

AI/ML | June 2025

- Developed an AI-powered platform **predicting risk** for multiple diseases using **specialized ML models**.
- Integrated **FastAPI backend**, **React frontend**, and deployed with MySQL database support.
- Achieved over **95% accuracy** on all models, with Stroke and Heart Disease predictors **crossing 98%**.

Job Portal Backend System

Backend Developer | Jan 2024 – Feb 2024

- Developed a **RESTful job portal** backend application using Java, Spring Boot, and MySQL.
- Implemented **role-based authentication with JWT and OAuth 2.0** for secure access control.
- Built endpoints for job listings, user registration, profile management, and job applications.
- Designed **MVC-based architecture** ensuring modularity and clean code practices.
- Integrated **API security measures, password encryption, and token-based authentication**.

Tech Stack: Java, Spring Boot, MySQL, REST APIs, JWT, OAuth 2.0

CERTIFICATIONS

- Full Stack Development Certification – Simplilearn | 2025
- Web Development Certification – Udemy | 2025
- Python Machine Learning: From Beginner to Pro – Udemy | 2025
- Large Multimodal Model Prompting with Gemini – DeepLearning.AI | 2025
- ChatGPT Prompt Engineering for Developers – DeepLearning.AI | 2025

PROFILES

-  Portfolio: jayeshportfolio-rose.vercel.app
-  GitHub: github.com/aspect022
-  LeetCode: leetcode.com/Jayesh
-  LinkedIn: linkedin.com/in/Jayesh