

# KARTHIK JAKKA

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## EDUCATION

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**Bachelor of Technology**, VNR Vignana Jyothi Institute of Engineering and Technology  
CGPA:8.93/10

2022 - 2026  
B-Tech (CSE)

## SKILLS

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<b>Programming Languages</b>	C, C++, Java, Python, Javascript
<b>Web Technologies</b>	HTML, CSS, ReactJs, NodeJs, ExpressJs Bootstrap, Tailwind
<b>Databases</b>	MongoDB, SQL
<b>Tools</b>	GitHub, Terraform
<b>Cloud Technologies</b>	Amazon Web Services(AWS)

## EXPERIENCE

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**Web Development Co-ordinator** | GDGC

Jan 2024-present

- Engineered a comprehensive online platform for the college's GDGC, integrating a secure payment gateway; streamlined event registrations, attracting 200+ students to sign up within the first week of launch.
- Launched a blog feature, driving 300+ visits per month and boosting community engagement and user interaction among 500+ members.

## PROJECTS

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**Smart Hostel Management** | ReactJS, Node.js, MongoDB, AWS S3, Open CV | Team Project

[Code](#)

- Developed a full-stack hostel management system with facial recognition-based attendance using OpenCV, QR code-based meal tracking, and real-time outing monitoring.
- Integrated Google Maps API for geo-fencing and location tracking, AWS S3 for secure image storage, and MongoDB for efficient data handling of users and attendance.

**Product Price Tracker** | Web Scraping, ReactJS, JavaScript, Node.js, MongoDB | Self Project

[Code](#)

- Developed a product price tracking website using web scraping, monitoring prices across Amazon and Flipkart. Scraped and processed data for over 100 products daily, ensuring real-time price comparisons.
- Implemented automated email alerts, notifying users instantly when prices dropped, leading to an average 20% savings.

**Gita AI** | ReactJS, JavaScript, Node.js, MongoDB | Team Project

[Code](#)

- Created GitaAi, an AI-powered platform offering over 50+ Bhagavad Gita interpretations and 10+ quizzes using Generative AI (Gemini API).
- Built quiz modules and implemented the MERN stack with TailwindCSS, delivering a 50interactive user experience, driving 300+ quiz completions within the first month.

## ACHIEVEMENTS

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- Certified in Generative AI by Coursera.
- Secured 1st prize in Webathon, a national-level hackathon, at VNRVJIET.
- Achieved 1st prize in the national-level hackathon on Generative AI, at NNRG.