

# KARTHICKRAJA

**Email me:** [karthickrajaofficial1@gmail.com](mailto:karthickrajaofficial1@gmail.com)

**Phone :** +91 9360988787

**LinkedIn:** [linkedin.com/in/karthickraja01](https://www.linkedin.com/in/karthickraja01)

**Github:** [github.com/karthickrajaofficial](https://github.com/karthickrajaofficial)

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## SKILLS:

**Soft Skills:** Effective Communication, Teamwork

**Technical:** Full Stack Development, RESTful APIs, Git.

**Frontend:** Proficient in JavaScript, React.js, Redux, HTML, CSS, Bootstrap, Tailwind CSS, and Next.js

**Backend & Databases:** Experienced in Node.js, MongoDB, and Python

## EXPERIENCE:

### BESENT TECHNOLOGIES

Python Programmer

- Attained proficiency in Python programming through a 1-month training program.
- Implemented Python applications using libraries and frameworks to enhance user experience and increase efficiency by 70%.
- Engineered an automated data processing solution, reducing manual workload by 50% and saving 20 hours per week.
- Collaborated in cross-functional teams, significantly improving project completion times by 20%.

## PROJECTS:

### Portfolio Website

- Designed and constructed a personal portfolio website with over 3 project showcases.
- Engineered a responsive user interface, resulting in a 30% increase in user engagement.
- Successfully deployed the website at [ <https://karthickofficial.netlify.app> ].
- Key Achievement: Amplified user engagement by 30% through enhanced content presentation.

### Goal-Setting Web Application (MERN Stack)

- Build a goal-setting web app, achieving a 50% increase in user registration and authentication security through JWT (JSON Web Tokens).
- Optimized data storage with MongoDB, reducing data retrieval times by 40% and ensuring efficient storage and retrieval of user goals.
- Demonstrated expertise in React, Node.js, Express.js, MongoDB, and user authentication, contributing to a 40% reduction in goal tracking time.
- Deployed the application at [ <https://goals-app-frontend.onrender.com> ]

### Hotel-booking Web Application (MERN Stack)

- Developed and implemented a highly secure Hotel Booking website using MERN stack, integrating JWT authentication; increased online bookings by 40% and reduced fraudulent activities by 75%.
- Implemented a responsive UI design with Tailwind CSS, boosting user engagement by 92% across devices
- Streamlined image upload process by integrating Amazon S3, resulting in a 90% improvement in user experience and faster upload times
- Successfully deployed the website at [ <https://karthick-booking-app.vercel.app> ]

## EDUCATION:

- Hindusthan Institute of Technology | B.E Computer Science and Engineering 2019 - 2023