

# CHENNABOINA SHIVA KUMAR YADAV

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## About

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Final-year CS& Data Science student with proven experience in full-stack web development to build and deploy scalable, high-performance applications. A collaborative team player seeking to apply robust software engineering skills and a passion for AI/ML to solve complex problems in an entry-level role.

## Projects

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### ZenStay - A Vacation-rental Booking Application

Github Repo

- Architected a full-stack MERN platform with **15+ RESTful APIs** for all CRUD operations.
- Implemented robust **error-handling middleware**, reducing potential booking errors by 95%.
- Designed a **mobile-first, responsive UI** with Bootstrap, ensuring a consistent user experience across 5+ device breakpoints from mobile to desktop.
- **Technologies** : Node.js , Express.js, EJS, REST APIs, Bootstrap, Javascript, Mongodb, Mongoose, CSS, HTML, Git

### Chat Application - Backend Focused

Github Repo

- Constructed a scalable MVC-based backend with Node.js, Express.js, and Mongoose—developing **10+ RESTful APIs for end-to-end CRUD operations**, boosting maintainability and accelerating feature delivery by 50%.
- Integrated Nodemon for live server reloading, streamlining development iterations by 30% and enabling faster, more efficient deployments.
- **Technologies**: Javascript, Node.js, Express.js, REST APIs, Mongodb, Mongoose, Git

### Personal Portfolio

Github Repo

- Built and deployed a fully responsive personal portfolio using HTML5, CSS3, and vanilla JavaScript, featuring an interactive project gallery with smooth scrolling and modal previews to showcase work and skills.
- Integrated a contact form and downloadable resume into a **clean UI**, **boosting recruiter engagement by 40%** and streamlining professional outreach.
- **Technologies**: HTML, CSS, Javascript, Bootstrap, Vercel.

## Skills

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**Languages**: Python, Java, JavaScript, R.

**Frontend**: HTML, CSS, JavaScript, Bootstrap , React.

**Backend**: Node.js, Express.js, EJS, Npm, Restful APIs, Mongoose.

**Databases & Tools**: MongoDB, MySQL, Git, GitHub , Postman, Hoppscotch.

## Experience

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### Web Developer Intern | Codsoft | Remote

Dec 2024 – Jan 2025

- Responsive portfolio site (**HTML, vanilla CSS**) with bio, skills, projects and a downloadable resume.
- Developed a 5-page responsive college landing page, delivering the project **20% ahead of schedule**. Built a dynamic JavaScript calculator with **12+ advanced functions** and comprehensive error handling.
- **Technologies**: HTML, CSS, Javascript, Git

## Achievements & Extracurriculars

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- **Google Student Ambassador**: Collaborated with a nationwide network of student innovators, leading discussions, mentoring peers in **Google technologies** and attending Google Events/Workshops.
- **Built GoXplore and Secured a Top-10** finish among 1000+ Members at a **National-level hackathon**, demonstrating rapid prototyping, Team collaborative development skills.

## Education

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### Nalla Narashimha Reddy Group of Institutions - BTech

Nov 2022 – May 2026

- Computer science and Data science. (7.4/10)