

Bhanu Prakash Pattem

✉ bhanupattentz@gmail.com | 📞 +91-8555860089 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Profile Summary

A Computer Science student with expertise in full-stack development and data structures & algorithms. Proficient in technologies like Python, JavaScript, React, Node.js, and MongoDB. Experienced in building dynamic, user-focused web applications. Eager to apply my skills in a challenging development role to create impactful solutions.

Technical Skills

Languages: Python, JavaScript, basics of Java

Backend: Node.js, Express.js, Flask

Frontend: React, Redux, EJS, HTML, CSS, Bootstrap, jQuery

Database: MongoDB, MySQL, SQLite

Computer Science Fundamentals: Data Structures & Algorithms Using Python

Others: Docker, Postman, VS Code, Git

Projects

College Clubs – Student Club Management Platform

[Source Code](#) [Demo](#)

- Design and Development: A responsive platform for managing student clubs, events, donations, and announcements with role-based dashboards for admins and coordinators.
- Key Features: Event registrations, club polls, donation system, library, gallery, YouTube integration, and a centralized announcement system. Admins and coordinators have dedicated dashboards for managing events, members, and club resources. Students log in via college email ID.
- Technologies: HTML, CSS, JavaScript, React, Redux, Material UI, Node.js, Express.js, MongoDB, Cloudinary, Passport.js, Razor-pay, Postman.

Epic Essentials – Ecommerce Website of Gaming Products

[Source Code](#) [Demo](#)

- Design and Development: Responsive ecommerce platform with user authentication, cart functionality, product search, filtering, reviews, order tracking. Integrated Stripe as payment gateway to test.
- Admin dashboard is to be implemented in order to administer the products and users with order tracking; track sales in real time, with inventory. Cross-device compatibility assured.
- Technologies: HTML, CSS, JavaScript, React, React Redux, Material UI, Node.js, Express, MongoDB, Cloudinary, Passport, Postman, Stripe.

AI-Powered Lesson Planner

[Source Code](#) [Demo](#)

- Design and Development: A responsive frontend based web application that assists educators in generating, editing, and managing lesson plans using AI, with authentication and session management.
- Key Features: AI-generated lesson plans based on topic and grade level, customizable lesson editing, PDF export, dark/light theme, and demo login using local storage and bcrypt. The system dynamically.
- Technologies: React.js, ShadCN, TailwindCSS, Google Gemini API, Local Storage, Bcrypt, PDF generation.

YelpCamp – Campground Review Application

[Source Code](#) [Demo](#)

- Application for users to find, review, and rate campgrounds. Features user authentication, the ability to add, edit and delete both campgrounds and reviews, and integrates a map to show campground locations.
- The technologies used here include HTML, CSS, JavaScript, Node.js, Express, MongoDB, and Passport for authentication.

Education

B.Tech (CSE)	JNTUA College of Engineering Anantapur	8.04/10 CGPA	2022 - Present
Inter (MPC)	Sri Chaitanya Junior College, Tirupati	949/1000 Marks	2020 - 2022
SSC	Sri Sai Bharathi High School, Vontimitta	10/10 GPA	2019 - 2020

Certificates

- The Web Developer Bootcamp 2024 by Colt Steele - Udemy [Certificate Link](#)
- The Complete Python Pro Bootcamp by Angela Yu - Udemy [Certificate Link](#)
- The Full Stack by Meta - Coursera [Certificate Link](#)
- Databases: Relational Databases and SQL by StanfordOnline - Edx [Certificate Link](#)