

Education

VIT Bhopal University

Bachelor of Technology (B. Tech)
Computer Science and Engineering (CSE)

Bhopal, Madhya Pradesh
May 2024
CGPA: 8.39/10

Projects

Full stack web developer, [campgrounds](#)

May 2023 - June 2023

- Developed a camp site/homestay booking and advertising site, reducing programming redundancy using ejs templating.
- Implemented Authentication and authorizations for different users using NodeJS, custom APIs and passport for login.
- Introduced data privacy and protection using input checking and encryption through hashing and salt pepper algorithms to prevent scripting, DDoS and other such common attacks using technologies like helmet and bcrypt in the back end.

Full stack web developer, [sheymovies](#)

Oct 2022 – Nov 2023

- Engineered and implemented a responsive theatre management and movie tickets booking site improving site responsiveness significantly.
- Used ReactJS to increase code reusability and bootstrap to reduce the development time greatly.
- User authentication is done using JWT tokens reducing login times for repeat users by 50%.
- Implemented encryption using bcrypt to store the data securely in our database and route rendering using custom APIs also introduced payment methods for booking.

DevOps Engineer, AWS Lift and Shift

- Used AWS to lift and shift an existing monolithic lamp stack web application and rearchitected it to a microservice application using cloud native services thereby reducing the points of failure and improving reliability of application.
- Reduced software maintenance and running cost of application servers using ec2 instances and AWS managed services like elastic cache.
- Further optimized server costs and increased availability of the application using AWS application load balancers and elastic load balancing.

Experience

MERN stack intern, Ethenus

May 2023 – July 2023

- Worked in agile methodology as part of a team to create a movie ticket management and booking web app.

Teacher's Assistant, Codingblocks

Noida, October 2022 – Jan 2023

- Supported student learning objectives through personalized and small group assistance.

Achievements

- Participated in Flipkart grid 5.0 and reached round 3 (top 800) from more than 3.6 lakh participants.
- District level football player.

SKILLS

Programming: Java, Python, JavaScript

Web Development: HTML, CSS, React, Bootstrap, ejs (embedded JavaScript)

Databases: SQL, MongoDB

API Technologies: Restful API, caching strategies, load balancing

Tools: Postman, Git

Cloud Platforms: AWS

containers, Orchestration and CI/CD-Docker: Kubernetes, Jenkins, Terraform

server-side technologies: Express.js, Node.js

Agile and Scrum methodologies

VOLUNTEER

Event Manager, Bhopal

April 2022

Advitya Fest, Art and Culture

- Led as an Event for Advitya Fest, overseeing detailed timelines, task lists for events, ensuring deadlines were met, and suggesting creative ideas for events.

Certifications: -AWS Certified Cloud Practitioner, Codingblocks Java DSA excellence certificate, Codingblocks MERN stack developer certificate.