

AASHISH RAJ

Web Developer – DevOps • Kashipur, Uttarakhand, 244713

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Education

VIT Bhopal University

Bachelor of Technology in Computer Science and Engineering

Sep. 2022 – May 2026

Sehore, Madhya Pradesh

RNP Public School

Grade 12th

August 2021

Chhapra, Bihar

Relevant Coursework

- Computer Architecture
- Data Structure
- Algorithms Analysis
- Operating System
- Software Engineering
- System Design
- Database Management
- Web Development
- UI/UX Design
- Computer Networks
- Cloud Computing
- DevOps

Experience

Internship Studio

DevOps Intern

September 2024 – October 2024

Hybrid

- Implemented an end-to-end CI/CD pipeline using Jenkins, GitHub, Maven, and Tomcat on AWS EC2.
- Automated CI/CD pipeline using Jenkins to trigger builds, compile Java applications, and deploy .war files to Apache Tomcat—accelerating release cycles by 50% and reducing manual errors.
- Administered server configurations and deployed scalable environments on AWS EC2 using Linux and shell scripting, strengthening infrastructure reliability and supporting smoother DevOps workflows.

YMoney

Full-Stack Intern

June 2024 – September 2024

Hybrid

- Built and maintained core features of a micro-savings mobile app in React Native, enabling 10K+ users to track real-time savings, redeem vouchers, and automate savings—resulting in a 30% increase in user retention.
- Engineered and fine-tuned RESTful APIs with Node.js and Express, reducing response times by 40% and supporting seamless integration with third-party services across the savings platform.
- Developed backend automation for recurring user savings into digital gold assets, handling thousands of monthly transactions with 99.9% reliability and boosting investment engagement by 20%.

Projects

UrbanEye | *Typescript, NextJs, React*

April 2025

- * Engineered a full-stack web application to manage city-wide surveillance cameras, integrating Leaflet.js for real-time map visualization and enhancing operational oversight for city officials.
- * Secured the platform with Clerk-based user authentication and architected a robust backend using MongoDB and Mongoose, ensuring safe and scalable data access for multiple user roles.
- * Optimized large-scale data processing with MongoDB aggregation pipelines and integrated mongoose-aggregate-paginate, reducing query latency and enabling smooth navigation through thousands of camera records.
- * **GitHub:** [Github Link](#)

Learnod | *Javascript, ReactJs, NodeJs*

December 2024

- * Built *Learnod*, an interactive learning platform integrating video tutorials with a real-time code editor—enhancing hands-on coding practice and improving learner engagement and retention.
- * Integrated React Monaco Editor for seamless in-browser coding and styled the platform with TailwindCSS, delivering a responsive, intuitive interface that mirrors professional development environments.
- * Conceptualized the Learnod application's user interface within the layout editor, enabling seamless transition and interaction between 10+ distinct tutorial scenes, enhancing the overall user experience and engagement.
- * **GitHub:** [Github Repository Link](#) **Live:** [Live Project link](#)

Playlisty | *JavaScript, NodeJs*

April 2023

- * Playlisty, a YouTube playlist management app tailored for students to organize and streamline study resources effectively.
- * Designed a distraction-free interface to help students curate focused video lesson playlists—enhancing productivity and minimizing interruptions during online learning sessions.
- * Constructed Playlisty's interactive user interface utilizing HTML, CSS, and JavaScript, enabling students to create distraction-free study playlists that boosted average session durations by 15 minutes.
- * **GitHub:** [Github Repository Link](#) **Live:** [Live Project link](#)

Technical Skills

Languages: Python, Java, C++, HTML/CSS, JavaScript, TypeScript, Rust, SQL, Shell/Bash

Developer Tools: VS Code, MongoDB, Postman, Notion, Vite, npm, Yarn, AWS Cloud, Google Cloud, Microsoft Azure, Digital Ocean.

Technologies/Frameworks: React.js, Next.js, Angular, Vue.js, jQuery, Tailwind CSS, MERN, MEAN, Linux, Jenkins, GitHub, Docker, Firebase, Netlify/Vercel,

Achievements

Rajasthan Police Hackathon 1.0: The national finalist secured the top 5 position out of 88 in the problem statement

WEB-VIBE Hackathon: Third Position in the hackathon organized by SDC club VIT Bhopal and Sheriyans Coding School. [Certificate](#)

Certifications

NPTEL: Foundations of Cyber Physical Systems. [Certificate](#)

Coursera: Bits and Bytes of Computer Networking [Certificate](#)

Github: GitHub Foundations. [Certificate](#)

TryHackMe: Advent of Cyber 2024. [Certificate](#)

Sheriyans Coding School: Front-End Domination [Certificate](#)