

# Pranjali Srivastava

Roll No.: 21021136

Bachelor of Technology

Guru Ghasidas Vishwavidyalaya, Bilaspur

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GitHub Profile

LinkedIn Profile

## EDUCATION

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### •Bachelor of Technology

2021-25

Guru Ghasidas Vishwavidyalaya, Bilaspur

CGPA: 7.7

## PERSONAL PROJECTS

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### •Issue Tracker (Bug Tracking System)

Tech Stacks: Nodejs, Expressjs, MongoDB, REST API

- Developed a MongoDB database that integrated user profiles, project data, and task management systems; the streamlined solution is now utilized by over 15 team members, enhancing operational efficiency and collaboration within the organization.
- Designed and implemented robust RESTful APIs using Express.js, enhancing user authentication processes which resulted in a streamlined login experience for over 500 active users per month.
- Engineered a user-friendly React interface that facilitated the creation of over 1,000 issues and task assignments within three months while enabling real-time monitoring of bug resolution processes for enhanced project collaboration.

### •Virtual Reality (VR) Experience

Tech Stacks: MongoDB, API, Expressjs, React

- Designed a MongoDB database to store and manage VR content, user preferences, and interaction data for personalized experiences.
- Developed Express.js APIs to handle VR content management, user authentication, and environment interactions.
- Devised an interactive React-based VR interface to render immersive environments and enable seamless user interactions.

### •DevSecOps Pipeline

TechStacks: Expressjs, Docker, CI/CD, Nodejs

- Designed and implemented a DevOps pipeline with integrated security checks utilizing tools like Snyk, Trivy, and OWASP ZAP.
- Automated vulnerability scanning and security testing to streamline the CI/CD process.
- Developed and deployed an interactive dashboard to visualize security metrics and insights effectively.

## EXPERIENCE

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### •Caarya

October 2024 - Present

Intern

Remote

- Designing and implementing CI/CD pipelines, automating the deployment process and reducing the deployment time.
- Optimized resource utilization in Kubernetes clusters by configuring auto-scaling and fine-tuning resource limits, and developed monitoring dashboards with Grafana, improving incident detection and response time.

### •Cisco

May 2023 - July 2023

Technical Undergraduate Intern Intern

Bangalore, India

- Developed a dynamic dashboard enabling users to monitor and interact with real-time data, incorporating reusable React components and seamlessly integrating APIs.
- Optimized website performance by reducing DOM rendering time and improving load speeds.

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** Java, Javascript, HTML+CSS

**Libraries :** ReactJs, Nodejs

**Developers Tools:** Nodejs, VScode, Git, Github

**Technical Skills:** Docker, CI/CD, Kubernetes, Travis CI, Jenkins

**Cloud/Databases:** AWS, MongoDb, Relational Database(mysql)

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networking, Software Engineering.

**Areas of Interest:** MERN Stack, DevOps

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## POSITIONS OF RESPONSIBILITY

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### •Google Developer Student Club Competitive Programming Lead

Sep 2023 - Sep 2024

- Tutored undergraduate engineering students in programming coursework.