

RUDRA PRATAP SINGH

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SUMMARY

Full Stack Developer with 4 months of experience in ReactJS, Node.js, MongoDB, and AWS. Proven in building scalable applications and optimizing performance. Seeking a Software Developer role to drive impactful solutions.

EDUCATION

B.Tech in Computer Science and Engineering, Pranveer Singh Institute of Technology (PSIT), Kanpur	2022 - Present <i>CGPA : 7.0</i>
Intermediate (PCM), Pt Deen Dayal Upadhyay Sanatan Dharma Vidyalaya, Kanpur	2021 - 2022 <i>CGPA : 6.5</i>
High School, Pt Deen Dayal Upadhyay Sanatan Dharma Vidyalaya, Kanpur	2019 - 2020 <i>CGPA : 7.3</i>

SKILLS

Programming Languages	JavaScript, Python, Java, C, C++, SQL
Frontend Development	HTML, CSS, React(Vite), Tailwind CSS
Backend	Node.js, Express.js
Databases	MongoDB, MySQL, PostgreSQL
DevOps	Docker, Jenkins, AWS EC2, Vercel
Tools	Git, Postman, Figma, Firebase, Clerk

EXPERIENCE

Web Development Intern Fluxvisio Dynamics LLP	Sep 2024 - Dec 2024 <i>Remote Work</i>
<ul style="list-style-type: none">Developed React UI components reducing page load time by 40%.Enhanced site performance by 35% through responsive design optimizations.Integrated APIs resulting in 60% faster data retrieval and reduced server load.	

PROJECTS

BinIT – Pollution Control Platform [Live](#) | [GitHub](#)

A full-stack environmental app empowering 10,000+ users to report pollution incidents.

Tech Stack: React(Vite), Node.js, Express.js, MongoDB, Clerk, Firebase, Vercel

- Implemented AI categorization (90% accuracy) and authentication reducing unauthorized access by 99%
- Created admin and user portals increasing engagement by 70%

Modern Weather Forecast App [Live](#) | [GitHub](#)

Real-time weather app with automated CI/CD pipeline deployment via Jenkins.

Tech Stack: React, Node.js, MongoDB, Docker, Jenkins, AWS EC2

- Deployed weather app with CI/CD pipeline serving 2,000+ daily active users.
- Reduced deployment time by 85% through automated GitHub-Docker-EC2 workflow.

EXTRA-CURRICULAR ACTIVITIES

- 5-star [HackerRank](#) Python rating and solved 245 DSA problems on [LeetCode](#)
- 97% grade in Oracle Database certification, mastering advanced SQL techniques