

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

## SKILLS

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

## EXPERIENCE

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

## PROJECTS

<b>BinIT – Pollution Control Platform</b>	<a href="#">Live</a>   <a href="#">GitHub</a>
A full-stack environmental app empowering 10,000+ users to report pollution incidents. <b>Tech Stack:</b> 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%

<b>Modern Weather Forecast App</b>	<a href="#">Live</a>   <a href="#">GitHub</a>
Real-time weather app with automated CI/CD pipeline deployment via Jenkins. <b>Tech Stack:</b> 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