

# Kandarp Srivastava

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## Education

<b>KIET Group Of Institutions, Delhi-NCR</b> <i>B.Tech in Computer Science and Engineering (CSE)</i> <ul style="list-style-type: none"><li>◦ GPA: <b>8.4/10</b></li></ul>	<i>2022 - Present</i>
<b>Academic Global School, Gorakhpur</b> <i>12th Class (CBSE)</i> <ul style="list-style-type: none"><li>◦ Percentage: 92</li></ul>	<i>2020 - 2021</i>
<b>GN National Public School, Gorakhpur</b> <i>10th Class (CBSE)</i> <ul style="list-style-type: none"><li>◦ Percentage: 96</li></ul>	<i>2018 - 2019</i>

## Technical Skills

**Languages:** C++ (Primary – DSA), Python, Java (Basic)  
**Databases:** MySQL  
**Libraries/Tools:** Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn  
**DevOps & Scripting:** Shell Scripting, Linux CLI, Git, GitHub, Cron  
**Tools:** VS Code, Jupyter, Excel, PowerPoint  
**Concepts:** Data Structures & Algorithms, **OOP**, **System Design**, **File I/O**, Algorithmic Complexity

## Projects

<b>SachAI – Deepfake Detection System</b> ( <i>Team Lead</i> ) <b>Tech Stack:</b> Python, CNN, OpenCV, Scikit-learn <ul style="list-style-type: none"><li>◦ <b>Led</b> a team of 4 to build a <b>CNN-based classifier</b> for detecting deepfakes in video frames.</li><li>◦ <b>Engineered</b> pipelines for extracting <b>facial distortions</b>, <b>motion inconsistencies</b>, and <b>pixel artifacts</b>.</li><li>◦ <b>Achieved 85% accuracy</b> and <b>authored a research paper</b> submitted for review in an academic conference.</li></ul>
<b>System Resource Monitor (Linux Automation)</b> <b>Tech Stack:</b> Bash, Linux CLI, Cron <ul style="list-style-type: none"><li>◦ <b>Automated</b> resource monitoring using Bash to track <b>CPU</b>, <b>RAM</b>, and <b>disk usage</b> with <b>top</b>, <b>df</b>, and <b>free</b>.</li><li>◦ <b>Implemented real-time alerts</b>, reducing manual checks by <b>50%</b> and improving observability across monitored resources.</li><li>◦ <b>Reduced manual monitoring by 100%</b> through <b>cron-based automation</b>.</li></ul>
<b>Student Record Management System (C++)</b> <b>Tech Stack:</b> C++, STL, fstream <ul style="list-style-type: none"><li>◦ <b>Designed</b> a <b>CLI-based student record manager</b> using C++, STL, and fstream for file persistence.</li><li>◦ <b>Implemented</b> searchable <b>CRUD functionality</b> using <b>vector</b>, <b>map</b>, and <b>custom sort logic</b>.</li><li>◦ <b>Enhanced performance</b> by structuring the program using <b>OOP principles</b> and clean modular design.</li></ul>

## Experience

<b>DevOps Intern</b> <i>Client: KIET Group of Institutions &amp; AWS Academy</i> <ul style="list-style-type: none"><li>◦ Gained hands-on exposure to <b>Linux fundamentals</b> and core services including <b>EC2</b>, <b>IAM</b>, and <b>S3</b>.</li><li>◦ Practiced deploying simple applications on <b>EC2</b> and configuring <b>S3 buckets</b> with appropriate <b>access policies</b>.</li><li>◦ Explored the basics of <b>Docker</b> and <b>version control</b> using <b>Git</b> for small-scale <b>DevOps simulations</b>.</li><li>◦ Gained understanding of <b>cloud infrastructure management</b> and <b>DevOps best practices</b> through guided training.</li></ul>	<i>June 2025 – July 2025</i>
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## Positions of Responsibility

<b>Content Head, Kinesis Technical Society (2024 - Present)</b> <ul style="list-style-type: none"><li>◦ <b>Led a 7-member content team</b>, planned and executed <b>3+ events</b>, and mentored <b>10+ juniors</b>.</li></ul>
<b>Content Manager, NASA Space Apps Challenge (2024)</b> <ul style="list-style-type: none"><li>◦ <b>Increased sponsorship conversion by 40%</b> through <b>targeted outreach</b> and strategic proposal design.</li></ul>

## Certifications

**DevOps Basics with AWS – Internship Program** — KIET & AWS Academy (2025) — [Certificate](#)   
**Fundamentals Of Artificial Intelligence** — GUVI (2025) — [Certificate](#)   
**Python Fundamentals** — Infosys (2024) — [Certificate](#) 