

VINAYAK RAJPUT

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EDUCATION

<b>Bangalore Institute of Technology</b> Bachelor of Engineering – Computer Science & Engineering; CGPA: 9.03	<b>Bengaluru, India</b> November 2022 - Present
<b>Alma Mater Senior Secondary School</b> 12th Percentage: 93.6 % 10th Percentage: 96.2 %	<b>Bareilly, India</b> 2021 2019

SKILLS SUMMARY

- **Languages and Frameworks:** Java, Python (Flask, Pandas, NumPy), SQL (MySQL).
- **Cloud & Tools:** AWS (EC2, S3), Google Cloud, Git/GitHub, Maven, Docker.
- **Core Competencies:** Full Stack Development, Cyber Security, SDLC, Machine Learning.

WORK EXPERIENCE

<b>PYTHON DEVELOPER INTERN   IntrnForte</b>	<b>Nov 2023 – Jan 2024</b>
<ul style="list-style-type: none"><li>• Developed dynamic web applications using <b>Python (Flask)</b>, focusing on efficient data flow between backend logic and frontend dashboards.</li><li>• Designed algorithmic modules for data validation and string manipulation, improving application logic efficiency.</li></ul>	

PROJECTS

<b>Automated Phishing Data Pipeline</b>   Python, Data Processing, Weak Supervision   <a href="#">LINK</a>	<b>Sept 2025 - Present</b>
<ul style="list-style-type: none"><li>• Engineered an end-to-end <b>data ingestion pipeline</b> to source and analyze candidates from real-time Certificate Transparency logs.</li><li>• Implemented a <b>weak supervision system</b> to auto-label 5,000+ domains, automating the classification of unstructured data into structured risk categories.</li><li>• Utilized feature-based heuristics to clean and validate large-scale datasets for model training.</li></ul>	
<b>Deepfake Detection &amp; Data Integrity Log</b>   Python, CNN, Blockchain   <a href="#">LINK</a>	<b>Mar 2025 – Dec 2025</b>
<ul style="list-style-type: none"><li>• Created a video analysis system with <b>frame-level confidence scoring</b>, translating visual data into quantifiable reliability metrics.</li><li>• Integrated an immutable ledger (Blockchain) to audit detection results, ensuring data integrity and traceability.</li></ul>	
<b>Sentimo: Customer Sentiment &amp; Analytics Engine</b>   Python, Flask, LSTM   <a href="#">LINK</a>	<b>Oct 2024 – Feb 2025</b>
<ul style="list-style-type: none"><li>• Developed an AI-powered analysis tool processing <b>50,000+ text samples</b> to quantify user sentiment, directly applicable to gauging brand health and product feedback.</li><li>• Achieved <b>87% accuracy</b> using LSTM neural networks, demonstrating capability in predictive modelling and pattern recognition &amp; deployed a real-time inference API using Flask for live feedback tracking.</li></ul>	
<b>Electricity Billing &amp; Revenue Management System</b>   Java, SQL   <a href="#">LINK</a>	<b>Apr 2025 – May 2025</b>
<ul style="list-style-type: none"><li>• Designed a centralized database for billing operations, reducing manual processing time through <b>automated data retrieval</b>.</li><li>• Optimized complex <b>SQL queries</b> to handle transaction records, achieving 99% system uptime and ensuring data accuracy for admin reporting.</li><li>• Implemented role-based access control (RBAC) to segment data views between administrators and end-users.</li></ul>	

CERTIFICATES

<b>Ethical Hacking (NPTEL)</b>   <a href="#">CERTIFICATE</a>	<b>Oct 2025</b>
<b>Juniper Security Associate Certification (JNCIA - SEC)</b>   <a href="#">CERTIFICATE</a>	<b>Aug 2025</b>
<b>Google Cloud Cybersecurity</b>   Google   <a href="#">CERTIFICATE</a>	<b>Oct 2025</b>
<b>Google Cloud Computing Foundations</b>   Google   <a href="#">CERTIFICATE</a>	<b>May 2025</b>
<b>Google Cybersecurity Certification (Google)</b>   <a href="#">CERTIFICATE</a>	<b>Sept 2024</b>
<b>AWS &amp; DevOps</b>   Cloud Institution   <a href="#">CERTIFICATE</a>	<b>July 2024</b>