

Abhinav Srivastava

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Professional Summary

I'm a computer science enthusiast with a strong interest in programming, development, and cybersecurity. I enjoy learning new technologies and improving my skills through hands-on practice and projects. I have been consistent in my academics and love solving real-world problems by applying logical thinking and technical knowledge.

Education

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| Vellore Institute of Technology, Bhopal, Madhya Pradesh | Aug 2022 – Aug 2026 |
| <ul style="list-style-type: none">• Course: B.Tech in Computer Science and Engineering with specialization in Cyber Security and Digital Forensics• CGPA: 9.04/10.0 | |
| Jawahar Navodaya Vidyalaya, Sonikpur, Barabanki, Uttar Pradesh (12th) | Jul 2020 – Jul 2021 |
| <ul style="list-style-type: none">• Course: PCM (Physics, Chemistry, Mathematics)• Board: Central Board of Secondary Education(CBSE)• Percentage: 95.8% | |
| Jawahar Navodaya Vidyalaya, Gauriganj, Amethi, Uttar Pradesh (10th) | Jul 2019 – Jul 2020 |
| <ul style="list-style-type: none">• Board: Central Board of Secondary Education(CBSE)• Percentage: 94.6% | |

Certifications

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|---------------------------------------|----------|
| • NPTEL Cyber Physical Systems | May 2024 |
| • IBM Cyber Security Analyst | Aug 2025 |
| • IBM DevOps Fundamentals | Aug 2025 |
| • IBM Agile Methodologies | Aug 2025 |
| • IBM DevOps, Agile & Design Thinking | Aug 2025 |

Projects

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|---|---------------------------|
| FACT SCAN | Github Repo |
| <ul style="list-style-type: none">• Developed an NLP-based tool to detect fake news through language pattern analysis.• Evaluated multiple machine learning models to determine the most accurate solution for fake news detection.• Tech Stack: Jupyter notebook, Python, scikit-learn, Data minimization, SVM, Linear regression. | |
| Static and Dynamic Vulnerability Detection in CI/CD Environment | Github(SAST) Github(DAST) |
| <ul style="list-style-type: none">• Built a secure CI/CD pipeline integrating SAST (SonarQube) and DAST (OWASP ZAP) using GitHub Actions on a custom Node.js app.• Automated detection of code-level and runtime vulnerabilities with generated HTML/JSON reports.• Exposed local apps using ngrok/cloudflare for remote DAST scanning via OWASP ZAP/ Wapiti. | |
| GuideLink | Ongoing |
| <ul style="list-style-type: none">• Aims to help travelers connect with local guides through a simple and intuitive interface.• Currently building a mobile app using React Native and Expo, along with a web version using React.js.• Using Firebase Authentication for user login and session handling. | |

Skills & Interests

Skills: C++, Python, SQL, HTML, CSS, JavaScript, React, MongoDB, Express.js, Node.js, Kali Linux, Nmap, Wireshark
Languages: English, Hindi
Hobbies: Playing Badminton, Enjoy following political news