

SUMMARY

- Computer Science student with a strong interest in full-stack engineering and scalable system design. Solid foundation in data structures, algorithms, and secure architectures. Experienced in developing production-ready applications with robust validation, error handling, and efficient data flow.

EDUCATION

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| • Galgotias University
<i>B.Tech in Computer Science and Engineering (Cybersecurity)</i> | Greater Noida, UP
<i>2022 – 2026</i> |
| • S.B.R College
<i>Class XII (BSEB)</i> | Bihar, India
<i>2020 – 2022</i> |
| • Vishashvi Public School
<i>Class X (CBSE)</i> | Bihar, India
<i>2018 – 2020</i> |

TECHNICAL SKILLS

- **Programming:** HTML/CSS, JavaScript (ES6+), Python, SQL
- **Libraries:** React, Redux Toolkit, React Router, Axios, Pandas, Matplotlib, Shadcn/ui, Mongoose
- **Frameworks:** Node.js, Express.js, Flask, Tailwind CSS, Tkinter
- **Databases:** MongoDB, MySQL, SQLite
- **Tools:** Git, GitHub, Vercel, Render, Linux CLI, Postman, Wireshark, Nmap, Burp Suite
- **Concepts:** Data Structures, Algorithms, OOP, REST APIs, Full-Stack Development, State Management, Role-Based Access Control (RBAC), Secure Authentication Flows, Asynchronous Programming, Secure SDLC

PROJECTS

- **InkBytr - Full-Stack Blog Platform**
MERN Stack, JWT, SendGrid, RBAC, Vercel, Render
 - Developed a complete MERN stack application with secure user authentication, including email verification and password reset functionality.
 - Implemented Role-Based Access Control (RBAC) to provide admin users with content moderation privileges.
 - Designed and built RESTful API endpoints for all CRUD operations on posts, comments, and users.
- **Flauth - Secure Login Simulation**
React, Flask, Bcrypt
 - Designed a full-stack authentication system with a focus on secure data flow, password hashing, and input validation.
 - Built a responsive frontend with React and a lightweight backend API with Flask.
- **SlimPy - BMI Calculator**
Python, Tkinter, SQLite, Matplotlib
 - Developed a desktop application to calculate and categorize BMI, storing user data in an SQLite database.
 - Integrated Matplotlib to generate visualizations of historical BMI data for users.

ACHIEVEMENTS

- **CCNA Certification**
Cisco Certified Network Associate
 - Validated expertise in network infrastructure, routing protocols, and enterprise security solutions.
- **Capture The Flag (CTF) Competition**
Top 50 Rank (out of 300)
 - Demonstrated strong problem-solving skills in cryptography and network security challenges.