

Utkarsh Shukla

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Education

Bennett University, Greater Noida, India
Bachelor of Engineering | Major in Computer Science
LAST SEMESTER CGPA: 10.0/10.0

Expected May 2025

Central Board of Secondary Education
High School and Intermediate Education
CGPA XII : 9.2

2018 - 2020

Technical Skills

- **PROGRAMMING LANGUAGE:** C++, JavaScript, Python
- **WEB DEVELOPMENT:** HTML, CSS, MERN Stack (MongoDB, Express.js, React.js, Node.js), TAILWIND CSS
- **FRAMEWORK:** BOOTSTRAP
- **DATABASES:** PostgreSQL, MongoDB, SQL
- **VERSION CONTROL:** Git, GitHub
- **DATA STRUCTURES & ALGORITHMS:** Competitive Programming, Algorithm Optimization

Work Experience

TRIVENI INFOSOFT PVT. LTD. | Software Engineer Intern

January 1 - expected 30 Aug 2025

- Built testing frameworks with Bootstrap, HTML, CSS, JavaScript, and Python, and developed MERN apps, boosting reliability by 20 % and efficiency.
- Built and styled responsive web interfaces with HTML, CSS, Bootstrap, and JavaScript, ensuring cross-browser compatibility.
- Developed innovative product features in a fast-paced environment with keen attention to detail

Projects

Blockchain Based Voting System

2022 - 2023

- Developed smart contracts using Ethereum and Solidity for secure vote casting and automated verification, ensuring election transparency.
- Tools: Ethereum, Hardhat, HTML, CSS, JS, React, Solidity, TestNG for automation testing

Ticket Reservation System

2022 - 2023

- Designed and implemented a full-stack ticket booking system with React.js, Node.js, and MongoDB, reducing query execution time by 40% through optimized MongoDB indexing.
- Integrated payment gateways (Stripe, Razorpay) for secure transactions.

Courses and Certifications

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| • HTML, CSS, and Javascript for Web Developers (Coursera) | Completed May 4, 2023 |
| • Software Engineering: Software Design and Project Management (Coursera) | Completed May 5, 2023 |
| • The Bits and Bytes of Computer Networking (Coursera) | Completed Apr 18, 2023 |
| • Process Data from Dirty to Clean (Coursera) | Completed May 15, 2024 |
| • Linux for Developers (Coursera) | Completed Nov 20, 2022 |

Achievements

RESEARCH AND PUBLICATIONS

- Collaborated on innovative research: "Advancing the Frontiers of Ultra-modern Zero Knowledge: From zk-SNARKs to zk-Rollups"

INDIAN BLOCKCHAIN FRATERNITY (B.U) | TECHNICAL HEAD

- Led a fast-paced 200+ attendee hackathon, implementing innovative solutions and best practices
- Collaborated with teams to ensure product quality and attention to detail in all submissions