

# Shivam Singh

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## Education

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- Dr. A. P. J. Abdul Kalam Technical University** 12/2022 – Present  
*Bachelor of Technology (Computer Science and Engineering)*
- CGPA: 7.4
  - **Relevant Coursework:** Operating Systems, Object-Oriented Programming (OOP), Database Management Systems (DBMS), Data Structures and Algorithms (DSA), Computer Networks

## Experience

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- Project Intern** 09/2024 – 11/2024  
*Infosys Springboard*
- Strengthened system security and performance by implementing JWT Authentication with the Django REST Framework, resulting in a 20% increase in data protection.
  - Improved state management and reduced page load times by 25% through the development of responsive front-ends using Next.js and Redux.

- Full Stack Intern** 06/2024 – 08/2024  
*Wyvate*
- Developed a robust Vendor and Admin Dashboard using Next.js, enhancing user experience and operational efficiency.
  - Built and optimized backend services using Django REST Framework, ensuring seamless API communication and data management.
  - Integrated advanced authentication and role-based access control, improving security and access management.

## Projects

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- Studex Portal (Social Media Platform)**
- Developed a social media platform designed for college students, integrating features similar to LinkedIn and Instagram for networking and career growth.
  - Designed chat functionality (AI-Integrated), resource sharing, and a search feature to connect students, alumni, faculty, and employees.
- Eshielded Assessment (Proctored Assessment Platform)**
- Built a Proctored Assessment Platform with Real-Time Monitoring using OpenCV, supporting coding tests, MCQs, and other assessments.
  - Integrated generative AI to create and modify test cases, boosting the efficiency of test generation by 35%, with ongoing refinements to improve accuracy.

## Achievements

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- 19th Rank in TCS CodeVita:** Achieved 19th rank globally in TCS CodeVita Season XII, a prestigious coding competition with thousands of participants, by solving complex algorithmic challenges and demonstrating exceptional problem solving skills.
- Winner of TON Ideathon in HackCBS 7.0:** Secured the winning position in the TON Ideathon by presenting innovative solutions and participated in the prestigious HackCBS Hackathon held in New Delhi.
- Developed and Managed College Fest Websites (2023, 2024, 2025):** Created highly scalable and optimized websites with 97% uptime, implementing load balancing and performance enhancements.
- Achieved 98th Rank in GSSoC:** Ranked 98th as an open source contributor, collaborating on multiple projects and making impactful contributions to the open source community.
- Finalist in HACKIITK, C3iHub IIT Kanpur:** Successfully cleared all four rounds with the 1st position

and was selected as a finalist in the Grand Finale, demonstrating strong problem solving and cybersecurity skills.

## Skills

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**Languages:** C, C++, Python, SQL, Golang, JavaScript, TypeScript

**Frontend:** HTML, CSS, JavaScript, React.js, Redux, Next.js, Tailwind CSS, Bootstrap CSS

**Backend:** Node.js, Express.js, Django, Golang, GraphQL, Webhooks

**Cloud & DevOps:** AWS, GCP, Docker

**Tools:** Postman, GitHub, VS Code, Xcode, Selenium, Figma, Linux, Jira, Redis

**Data Analysis:** Pandas, NumPy, Matplotlib, Excel

**Soft Skills:** Leadership, Presentation

**Design Skills:** Object-Oriented Design, System Design, System Architecture, Low-Level Design, High-Level Design

## Coding Profiles

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**LeetCode:** Max Rating: 2500 (Guardian)

**CodeChef:** Max Rating: 2030 (5-Star)

**Codeforces:** Max Rating: 1600 (Expert)

**GeeksforGeeks:** Max Rating: 2200 (6-Star)