

# Ashutosh Vimal

GitHub  
LeetCode

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## EDUCATION

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- **National Institute of Technology, Jamshedpur** Jamshedpur, India  
*B.Tech in Electrical Engineering* 2019 - 2023 **CGPA: 7.92**
- **Delhi Public School, Bokaro** Bokaro, India  
*Senior Secondary (XII)* 2018 **Percentage: 91%**

## EXPERIENCE

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- **Nucleus Software** Noida, India  
*Software Engineer* Aug 2023 - Present
  - **SSO Development:** Developed Single Sign-On feature using Apereo CAS.
  - **SDLC Optimization:** Enhanced development lifecycle using Enterprise Architect, reducing project timelines by 20%.
- **Nucleus Software** Noida, India  
*Project Intern* Jan 2023 - Aug 2023
  - **OSS Management:** Cataloged 100+ Open Source Software (OSS) used, generated vulnerability reports, and identified 5% false positives.
  - **Automation:** Automated report generation for leadership, improving decision-making processes.

## PROJECTS

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- **Yelpcamp [GitHub]** Tech Stack: Node.js, Passport.js, MongoDB  
June 2022 - Aug 2022
  - **Web Application:** Developed a campground browsing and reviewing platform.
  - **CRUD Operations:** Implemented CRUD operations for campground and review models.
  - **Authentication:** Enabled user authentication and authorization.
- **AutomateRoop [GitHub]** Tech Stack: Batch Script, JSP, Spring MVC  
Jan 2024 - Feb 2024
  - **Jenkins Automation:** Automated face-swapping, reducing manual effort by 75%.
  - **Video Processing:** Designed to download videos from specified links, currently supporting Instagram reels.
  - **UI Development:** Developed a UI for video input and downloading functionalities.

## TECHNICAL SKILLS

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- **Programming:** Java, C++, C, JavaScript
- **Web Development:** HTML, CSS, Bootstrap, JSP, jQuery
- **Backend:** Spring, Spring MVC, Node.js
- **Databases:** SQL, Oracle, JDBC, Hibernate
- **CS Fundamentals:** OOP, DBMS, OS
- **Developer Tools:** Git, GitHub, SVN, Maven, IntelliJ IDEA, Postman, VS Code
- **Other:** Jenkins, Enterprise Architect, OWASP Dependency-Track, SBOM, Cdxgen

## ACHIEVEMENTS

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- **Competitive Programming:** LeetCode: Rating 1623, Ranked 3271 (Weekly Contest 301, 23k+ participants).
- **Contests:** Codestudio: Ranked 55 (Weekend Contest 28), Google Hash Code: Ranked 3044.