

Happy Yadav

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EDUCATION

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| Greater Noida Institute of Technology <i>Master of Computer Applications</i> | Greater Noida 2022 – 2024 |
| Dr. Rammanohar Lohia Avadh University <i>Bachelor of Computer Applications</i> | Ayodhya, UP 2018 – 2021 |
| Dr. Ashok Kumar Smarak Inter College <i>Intermediate</i> | Ambedkar Nagar, UP 2018 |
| Dr. Ashok Kumar Smarak Inter College <i>High School</i> | Ambedkar Nagar, UP 2016 |

PROJECTS

- Chat Application** | *Java, Swing, Networking* Dec-2023 – Jan 2024
- The Chat Application project is a robust communication platform that facilitates real-time text-based communication between clients and servers. Developed with efficiency and scalability in mind, this application provides a seamless chatting experience for users across various devices and platforms.
 - The entire application is written in Java, Swing is used for creating the graphical user interface (GUI) components, Socket programming is employed to establish a network connection between the client and the server.
- Employee Payroll System** | *Using Java* June 2024
- Developed a terminal-based Employee Payroll System using Object-Oriented Programming (OOP) principles.
 - Implemented core Object-Oriented Programming (OOP) concepts, including inheritance, encapsulation, abstraction, and polymorphism.
- Weather App— Web Application** | *Using Javascript* May 2024 – June 2024
- Crafted a dynamic web application using HTML, CSS, JavaScript, and TailwindCSS frameworks, demonstrating proficiency in front-end development technologies.
- AWS Project to Demonstrate Apps in Private Subnet** | *AWS* Jan-2024
- Implemented highly available architecture on AWS using Auto Scaling Groups (ASG) across two availability zones.
 - Configured Load Balancer to evenly distribute incoming traffic to instances within the ASG, ensuring scalability and reliability.
 - Enhanced security by deploying servers in private subnets, isolating them from direct internet access and reducing the attack surface.
 - Enabled outbound internet access for servers in private subnets using NAT Gateway, facilitating tasks like software updates and accessing external APIs.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python
Front-End: HTML5, CSS3
Database: Mysql
Tools: Git, AWS, Linux, Selenium, Jira, Visual Studio code

ACHIEVEMENTS AND CERTIFICATIONS

- Certified Software Engineer - IT Services **AMCAT**
- Certified Software Development Trainee **AMCAT**