# Abhishek Yadav

Jaunpur, Uttar Pradesh | abhicps19@gmail.com | +919580818926

LinkedIn    GitHub

## PROFESSIONAL SUMMARY

I'm an aspiring Java Developer with a strong foundation in Data Structures & Algorithms and Object-Oriented Programming using Java. My passion lies in solving real-world problems through clean, efficient, and maintainable code.

## TECHNICAL SKILLS

- Programming: Python, Java
- Backend: Spring Boot, Java
- Web Development: HTML/CSS, JavaScript (Basics)
- Database: MongoDB
- Tools: Git, GitHub, VS Code, Postman

## PROJECTS

❖ **NativeCode- Hindi Code Playground**                          **July - December 2024**

- **Created a Hindi-syntax programming language** with a custom transpiler to Python, supporting string interpolation, control flow, and safety features.
- **Developed a full-stack web playground** with React, FastAPI, and WebSockets for real-time code execution and transpiled output display.
- **Integrated CodeMirror 6 editor** with custom Hindi syntax highlighting, smart auto-completion, and built-in code examples.
- **Deployed scalable production app** on Vercel and Render with responsive UI, optimized performance, and robust error handling.
- **Designed an accessible coding platform** enabling Hindi-speaking users to learn programming concepts through natural-language coding.

❖ **Java Login System Project Summary**                          **May - July 2025**

- **Developed a command-line authentication system** in Java with user registration and login functionality using object-oriented programming principles
- **Implemented in-memory data management** using HashMap for efficient user storage and retrieval with duplicate username validation
- **Created modular architecture** with separate classes for User data model, UserManager business logic, and Main application interface
- **Built interactive CLI interface** using Scanner class for user input handling and menu-driven navigation with error handling
- **Applied software development best practices** including proper code documentation, .gitignore configuration, and version control with Git.

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**                          **2023 - 2027**
Veer Bahadur Singh Purvanchal University

## ADDITIONAL INFORMATION

- **Languages:** English, Hindi