

Ujjwal Kaushik

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 GeeksforGeeks  Portfolio

PROFILE

I'm a final-year Computer Science and Engineering student with a strong foundation in **Java, Spring Boot, Python, and Data Structures & Algorithms**, actively applying my skills through real-world projects. I've developed backend applications using **Spring Boot** and explored **Generative AI** using Python and NLP libraries to build intelligent, user-focused solutions. I'm passionate about continuous learning and thrive in collaborative environments that challenge me to build impactful and innovative technologies.

EDUCATION

B.E , CSE

Excel Engineering College
8.3 CGPA

2022 – present
Komarapallayam,
Tamil Nadu

Intermediate

GDS Academy
70.2%

2021 – 2022
Raxaul, Bihar

SKILLS

Programming Languages:

Java, SpringBoot,python,SQL,HTML

Frameworks and Tools:

Git,Maven,PostMan, Intelli
J IDEA,Eclips,MySql Workbench,GitHub,VsCode

ACHIEVEMENTS

LeetCode and GeeksForGeeks: Solved over 50 algorithmic challenges, strengthening my problem-solving skills and proficiency in competitive programming.

2nd Place in College Sci-Talk Competition: Demonstrated effective communication skills by presenting technical topics to peers, highlighting my ability to share knowledge within a collaborative environment.

PROJECTS

Employee PayRoll System

02/2025 – 02/2025

Developed a payroll system using OOP concepts like **Inheritance, Polymorphism, Abstraction**, and **Encapsulation**. Implemented salary calculation for full-time and part-time employees using an abstract Employee class and maintained employee records with Java ArrayList.

Role-Based Authentication and Authorization System – Java, Spring Boot, MySQL

06/2025 – 08/2025

- Developed a secure login and registration system with **Spring Boot, Spring Security**, and **BCrypt**.
- Implemented **role-based access control** for STUDENT, RECRUITER, and ADMIN.
- Designed RESTful APIs and tested endpoints using **Postman**.
- Built and managed the database using **MySQL** and **MySQL Workbench**
- Used **Spring Data JPA, Hibernate**, and **DTOs** for data operations and validation
- Managed project with **Maven**, versioned code using **Git**, and used **GitHub** for collaboration
- Developed using **IntelliJ IDEA** and **Eclipse**.

AI-Powered Chatbot for DataPattern.ai

06/2025 – 07/2025

- Built an intelligent chatbot using **Python, Gradio, NLTK**, and **spaCy** to respond to user queries about the company.
- Implemented NLP-based **intent detection** and deployed a web interface for real-time interaction.

CERTIFICATES

**Fundamentals of Cyber Security
with IBM skills**
Cybersecurity basics

IOT Technology
SKYY Rider Institutions

Java Technology
Organized by CarrerNinja

SOFT SKILL

- Leadership
- Collaborative Teamwork
- Strategic Time Management
- Effective Communication
- Adaptive Flexibility
- Critical Thinking

INTERNSHIP


Java Programming

CodTech IT Solutions Pvt. Ltd., Hyderabad

01/2025 – 02/2025
Remote

- Completed a remote internship focused on core Java Programming and real-time application development.
- Gained hands-on experience in object-oriented programming, coding best practices, and Java project implementation.

Generative AI

DataPattern.ai  – Gradio-based Chatbot Interface Intern Remote

06/2025 – 07/2025
Remote

Internship — Python, NLP, Gradio, Hugging Face

– Built a responsive AI chatbot interface using Gradio, trained on JSON knowledge base and integrated with Hugging Face transformers.

– Implemented NLP pipelines for intent detection and dynamic response generation using spaCy.

– Performed development and testing in Databricks notebooks with collaborative tracking and version control.

Projects

Backend Developer Intern ZIDIO Connect

Internship & Job Management Web Portal

[June] 2025 – Present

06/2025 – 08/2025
Remote

- Independently developing backend modules for a full-stack web portal connecting students with recruiters.
- Building secure and scalable RESTful APIs using **Java** and **Spring Boot**, focused on features like **authentication**, **job/internship listings**, and **application tracking**.
- Integrated **MySQL** for data storage and implemented robust database schemas with proper entity relationships.
- Followed Agile practices, using **Postman** for API testing and **Git/GitHub** for version control and collaboration.