

# AYUSH PANCHAL

## Java Developer

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Motivated and detail-oriented Java Backend Developer with a strong foundation in Core and Advanced Java, and hands-on experience in Spring Framework, JDBC, and JSP/Servlet-based web applications. Adept at building scalable applications, designing intuitive UI/UX prototypes, and writing clean, efficient backend code. Passionate about continuous learning and building real-world software solutions.

## Experience

- JAVA DEVELOPMENT INTERN** Dec(2023) - June(2024)  
-Trevita Infotech, Vadodara
- Developed a fully Java-based POS software named SalonMaster using Java (backend), JavaFX (frontend), and MySQL. Worked on invoice generation, product billing, and sales data modules. Collaborated with senior developers to optimize database queries and improve system performance.
  - [Project Link](#)

## Academic Project

- Vision Eyewear Website** 2022
- Designed and developed a responsive eyewear e-commerce website using HTML, CSS, JavaScript, PHP, and phpMyAdmin. Implemented product listing, cart functionality, and admin panel with order management.
  - [Project Link](#)
- E-Commerce Website** 2025
- Built a simple shopping site using Java, Servlet, JSP, and MySQL. Developed features like product listing, add-to-cart, place order, and order history. Focused on backend development, user sessions, and order placement logic.
  - [Project Link](#)
- Cyber Security Project** 2025
- This project serves as an educational tool to highlight the potential risks of scanning untrusted QR codes. It is designed to warn users to be cautious before scanning codes and submitting personal information, as this method can be used for deceptive data collection.
  - [Project Link](#)
- Generative AI Project** 2025
- Built a Streamlit-based Generative AI web app that integrates Google's Gemini API to generate personalized career paths based on user input such as name and experience. Configured development environment using Dev Containers and automated dependency setup with requirements.
  - [Project Link](#)

## Education

- Msc IT (Semester 3)** 2024 - PRESENT
- The Maharaja Sayajirao University of Baroda.
- Bachelor of Computer Applications (BCA)** 2021 – 2024
- The Maharaja Sayajirao University of Baroda.

## Skills

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- Core Java, OOPs, Collections, Exception Handling
- Advanced Java: Servlet, JSP, JDBC
- Spring Framework (Core, JDBC)
- MySQL, phpMyAdmin
- UI/UX Design (Figma)
- Git & GitHub

## Certificates

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- [Internship certificate](#) ↗
  - Internship completion certificate
- [Advancing Science and innovation for sustainability certificate](#) ↗
  - I'm thrilled to have had the opportunity to present my paper on "Gesture Technology" at the Sir Sayajirao Gaekwad Memorial National Science Conference 2025 at MSU Baroda.
- [Generative AI](#) ↗
  - Participated in the workshop on "Unlocking Generative AI" organized by the Department of Computer Applications, Faculty of Science, MSU.
- [Mastering Morden Softwear Development](#) ↗
  - Participated in the workshop on “Code Revolution: Mastering Modern Software Development.
- [A comprehensive cisco course](#) ↗
  - This certificate recognizes the successful completion of “CCNA Networking Essentials: A Comprehensive Cisco Course” offered by Udemy.
- [internship common aptitude test](#) ↗
  - The test evaluated participants on essential aptitude and reasoning skills relevant for internships and professional opportunities.

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### Cover Letter

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#### Dear Hiring Manager

I am writing to express my interest in the **Java Developer** position at your organization. As a motivated and detail-oriented backend developer with a solid foundation in Core and Advanced Java, I am confident that my skills and passion for software development make me a strong fit for this role.

During my internship at **Trevita Infotech, Vadodara**, I developed a fully Java-based POS software called **SalonMaster** using **Java (backend)**, **JavaFX (frontend)**, and **MySQL**. This experience allowed me to collaborate with senior developers to optimize database queries, improve performance, and build scalable, real-world software solutions.

In addition to my internship, I have successfully completed several academic and personal projects, including an **E-Commerce Website** and a **Vision Eyewear Website**, where I implemented responsive front-end interfaces and robust backend functionality using Java, JSP, Servlets, MySQL, HTML, CSS, and JavaScript. I also recently developed a **Generative AI Project** integrating Google's Gemini API with Streamlit to create a personalized career path generator—demonstrating my ability to integrate AI technologies into full-stack applications.

I am currently pursuing my **MSc in IT** at The Maharaja Sayajirao University of Baroda, following my **Bachelor of Computer Applications (BCA)** from the same institution. My academic journey has strengthened my understanding of software engineering principles and my enthusiasm for continuous learning.

My technical skills include **Core Java**, **Advanced Java (Servlets, JSP, JDBC)**, **Spring Framework**, **MySQL**, **phpMyAdmin**, **Git**, and **Figma (UI/UX Design)**. I also hold certifications in Generative AI, Modern Software Development, and Cisco Networking Essentials, showcasing my dedication to upskilling and staying current with emerging technologies.

I am particularly drawn to your organization's commitment to innovation and quality software development. I am eager to contribute my backend expertise, problem-solving mindset, and collaborative spirit to help drive your development goals forward.

Thank you for considering my application. I would appreciate the opportunity to discuss how my skills and experiences align with your team's objectives.

Warm regards,  
**Ayush Panchal**