

# Ajay Singh

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## EXPERIENCE

### Associate Software Engineer , Sortout Innovation

Jan 2025 - Present

- Developed dynamic, responsive web applications using Java and Spring Boot.
- Implemented backend functionality ensuring seamless integration with frontend technologies (JavaScript, HTML, CSS, Tailwind CSS).
- Improved website performance significantly through robust backend solutions.
- Live Project: [Sortout Innovation](https://sortoutinnovation.com/).

### Associate Software Engineer , Brenolabs

Sept 2023 - Dec 2024

- Led a full-stack project using React.js, Node.js, and Java backend integrations.
- Enhanced application functionality and usability by 25% through effective issue resolution.
- Collaborated with cross-functional teams in Agile environments utilizing tools like GitHub, Postman, and MySQL.

### Software Engineer Intern, Appilary Technologies

Jun 2023 - Sept 2023

- Engineered Scalable Web Applications:** Designed, developed, and maintained **responsive web applications** using **React.js** and **Node.js**, ensuring seamless user experiences.
- Backend Development & API Integration:** Assisted in **backend development**, optimized server-side logic, and integrated RESTful APIs for efficient data flow.
- Cross-Functional Collaboration:** Worked closely with **cross-functional teams** to understand client specifications and deliver high-quality, customized solutions.

## PROJECT

### SORTOUT INNOVATION COMPANY WEBSITE ([GITHUB REPO.](#))

- Developed a **40-page full-stack business platform** independently.
- Designed a **responsive UI** using **Tailwind CSS**, ensuring cross-device compatibility.
- Built a **scalable backend** with **Spring Boot** and **MySQL**, optimizing performance and security.
- Implemented secure authentication, API integrations, and efficient data management.
- Deployed the application on **Hostinger**, ensuring **99.9% uptime** and seamless performance.
- Managed end-to-end development, from **architecture design** to deployment.
- Enhanced full-stack development expertise with **real-world business application deployment**.

### E-COMMERCE BACKEND API ([GITHUB REPO.](#))

- Implemented Secure Authentication & Authorization:** Integrated **Spring Security** to ensure secure authentication and role-based access control.
- Developed a Scalable RESTful API:** Designed and built a **high-performance API** following **MVC architecture** for seamless data flow.
- Optimized Database Management:** Integrated **MySQL with JPA/Hibernate** for efficient data modeling, validation, and seamless data persistence.
- Enhanced API Robustness:** Implemented **custom exception handling and validation mechanisms** to improve error handling and maintain API reliability.

## TECHNICAL SKILLS

- Programming:** Java, Python, JavaScript, TypeScript
- Frontend Development:** React.js, HTML5, CSS3, Bootstrap, Tailwind CSS
- Backend Development:** Spring Boot, Node.js, REST APIs, PHP
- Database Management:** MySQL, MongoDB, PostgreSQL
- Version Control:** Git (GitHub/GitLab)
- Tools:** VScode, MySQL Workbench, IntelliJ IDEA

## EDUCATION

- IIMT COLLEGE OF ENGINEERING** 2019-2023, Gr.  
Noida(UP)
- Bachelor of Technology; Major in Computer Science**

## CERTIFICATIONS

- Java Data Structures and Algorithms** (Apna College)