

Pravesh Singh

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Objective

Dedicated and skilled Developer with a strong foundation in full stack technologies, seeking a challenging to contribute to robust and scalable software solutions.

Education

- **United College of Engineering and Research, Greater Noida** 2019-2023
B.Tech in Computer Science Engineering CGPA: 7.39/10
- **Ambience Public School** 2017-2018
Senior Secondary (XII), CBSE Percentage: 78.9%
- **Ambience Public School** 2015-2016
Secondary (X), CBSE Percentage: 85.5%

Work Experience

- **Brainydx** Delhi, India
Full Stack Developer Intern March 2024 - August 2024
 - Developed responsive web pages using HTML, CSS, and Bootstrap, improving user experience across devices
 - Collaborated on the Advaya project, gaining hands-on experience with WordPress and content management systems
 - Contributed to the AKA project, enhancing skills in full-stack development
 - Worked on the BOB project, utilizing ReactJS to create dynamic and interactive user interfaces
- **ABM FINTECH** Remote
Java Developer Intern Aug 2023 - Nov 2023
 - Designed and implemented RESTful APIs for banking operations, ensuring secure data transactions
 - Utilized Spring Boot and Hibernate for efficient database operations and business logic implementation

Projects

- **Hospital Management System** Oct 2023
Java, Spring Boot, Hibernate, MySQL
 - Architected and developed a comprehensive backend system for managing hospital operations
 - Implemented RESTful APIs for CRUD operations on patients, doctors, and appointments
 - Designed efficient database schema and utilized Hibernate for ORM
 - Implemented security features including role-based access control and data encryption
- **Chat Application** Nov 2023
Java, Socket Programming, Multithreading
 - Developed a scalable, real-time chat server using Java NIO for non-blocking I/O operations
 - Implemented multi-threading to handle multiple client connections concurrently
 - Designed and implemented a custom protocol for message exchange
 - Utilized design patterns such as Observer for real-time updates and Factory for connection management

Technical Skills

- **Languages:** Java, JavaScript, SQL, HTML5, CSS3
- **Frameworks & Libraries:** Spring Boot, Hibernate, servlet, jsp, React.js, Bootstrap, MUI
- **Database Management:** MySQL, SQL+
- **Development Tools:** Git, GitHub, Postman

- **API Development:** RESTful APIs

Certifications

- **Java Full Stack Development** Jspiders *May 2023 - Feb 2024*
- **Computer System Security** E&ICT Academy, IIT Kanpur *Mar 2020 - Mar 2021*

Languages

Hindi, English