Mayank Bhargava

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in mayank-bhargava26 | ⭘ Mayank260901

Datia, M.P. - 475661, India

SUMMARY

Full-Stack Developer with expertise in Java, Spring Boot, and modern frontend technologies such as HTML, CSS, JavaScript, and React. Proficient in building scalable backend systems and developing intuitive, responsive user interfaces. Seeking to apply my skills in a dynamic environment to deliver impactful software solutions and enhance user experiences.

EDUCATION

Samrat Ashoka Technological Institute, Vidisha (M.P.), India   2020 – 2024
Bachelor of Technology in Computer Science
GPA: 7.49/10.00

Holy Cross Ashram School, Datia (M.P.), India   2019
Higher Secondary Education (Class 12)
Percentage: 80%

Holy Cross Ashram School, Datia (M.P.), India   2017
Secondary Education (Class 10)
Percentage: 80%

PROJECTS

- **Jaankaar Havaldar - Crime Information Management System**   *Aug 2024 - Present*
Tools: Java, JDBC, MySQL, IntelliJ IDEA, PBKDF2WithHmacSHA256, DAO Pattern   [⭘]
  ◦ Developed a modular Command-Line Interface (CLI) system for managing crimes, criminals, police stations, and user information.
  ◦ Implemented secure user authentication using **PBKDF2WithHmacSHA256** for password hashing and verification.
  ◦ Created a reporting module to generate crime statistics and user activity reports.
  ◦ Applied the **DAO (Data Access Object) pattern** to facilitate a clean and maintainable data access layer.

- **Hospital Management System**   *Sep 2024 - Present*
Tools: Java, JPA API, Hibernate, MySQL   [⭘]
  ◦ Designed and developed a system for managing hospital operations, including patient records, doctor details, and appointment scheduling.
  ◦ Utilized **JPA (Java Persistence API)** and **Hibernate** for object-relational mapping and database interaction.
  ◦ Implemented CRUD (Create, Read, Update, Delete) operations and entity relationships for effective data management.
  ◦ Developed user-friendly interfaces to improve operational efficiency for hospital staff and medical personnel.

- **DealHive - E-Commerce Website for Electronic Items**   *June 2024 - Aug 2024*
Tools: HTML, CSS, Bootstrap, JavaScript, React, SQL   [⭘]
  ◦ Developed a fully functional e-commerce website for electronic products with product listings, user accounts, and shopping cart features.
  ◦ Designed and implemented both front-end and back-end components to enhance site navigation and streamline checkout processes.
  ◦ Successfully deployed the platform, optimizing online shopping experience for users.
  ◦ Added advanced search and filter functionality to help users find and purchase electronic items more efficiently.

SKILLS

- **Programming Languages:** C, C++, Java, SQL, JavaScript
- **Web Technologies:** HTML, CSS, JavaScript, React, NodeJS, Spring Boot
- **Database Systems:** MySQL, JDBC, Hibernate
- **Tools & Operating Systems:** Linux, Windows
- **Design & Multimedia:** Photoshop, Canva, Figma, After Effects (basic), Blender (basic)
- **Relevant Coursework:** Object-Oriented Programming, Data Structures and Algorithms, Relational Database Management Systems, Analysis and Design of Algorithms, Operating Systems
- **Other Skills:** Communication, Problem Solving

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native)
Interests: Travelling, Reading, Web Development
Extracurricular Activities: Judo (National Level), Maths Olympiad (School Level)