Mayank Bhargava

+919617711571 | bhargavamayankbm1@gmail.com | Portfolio-Mayank

in mayank-bhargava26 | ⛭ Mayank260901

Datia, M.P. - 475661, India

SUMMARY

Aspiring Software Developer with a solid foundation in designing, developing, and implementing software solutions. Proficient in Java and JavaScript, with a passion for learning and writing clean, maintainable code. Familiar with Agile methodologies and eager to gain hands-on experience in testing, debugging, and contributing to software development projects. Looking to grow and expand skills as a Software Developer.

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   [⛭]
  ◦ Collaborated with cross-functional teams to design and develop a modular CLI system, implementing efficient error handling and user authentication for enhanced security and usability.
  ◦ Implemented secure user authentication using **PBKDF2WithHmacSHA256** for password hashing and verification.
  ◦ Tested and debugged the system to ensure seamless reporting and accurate data analysis, improving operational efficiency.
  ◦ 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, 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
- **Version Control:** Git, GitHub
- **Database Systems:** MySQL, JDBC, Hibernate(JPA)
- **Tools & Technologies:** Linux, Jira
- **Relevant Coursework:** Object-Oriented Programming, Relational Database Management Systems, Operating Systems
- **Soft Skills:** Strong communication and interpersonal skills, capable of working both independently and collaboratively within a team.

ADDITIONAL INFORMATION

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