Ashwini K

Bangalore, India

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Experience

- **CGI | Bangalore**   Aug 2024 - Present
  Associate Software Engineer
  • Performed comprehensive performance testing using LoadRunner and JMeter to analyze application behavior under load, identify performance bottlenecks, improve response times and validate application scalability across multiple modules.
  • Designed and executed performance, load test scenarios using Locust (Python) for an integrated chatbot and project management tool, simulating real user interactions to assess system reliability, concurrency and overall system performance.

Education

- **Dr Ambedkar Institute of Technology**   2020 - 2024
  B.E, Computer Science and Engineering
  GPA: 9.1

- **Vidya Mandir Ind Pre University College**   2018 - 2020
  Pre-University
  94%

- **Nirmala Rani High School**   2015 - 2018
  Karnataka State Education Examination Board
  96.48%

Skills

- Programming Languages: Java, Python, MySQL
- Data Structures: Arrays, Linked Lists, Stacks and Queues, Two Pointers, Binary Search
- Web technologies & tools: HTML, CSS, Git
- Soft skills: Effective communication, Organised, Eager to learn

Projects

- **PROJECT 1: Student Course Registration & Attendance System**
  Tech Stack: Java, Hibernate, MySQL, Maven
  Description :
  * Created a university course registration system allowing students to enroll in courses, track attendance and view academic schedules.
  * Designed a robust relational model with One-to-Many mappings (Student → Courses, Courses → Attendance).
  * Used Hibernate annotations, HQL queries and transaction management for data integrity.
  * Built a scalable backend with Maven for dependency management and modularization.
- **PROJECT 2: EmpowHer hub — Fitness & Nutrition Tracking Web App**
  Tech Stack: HTML5, CSS3, JavaScript, Bootstrap
  Description:
  * Built a responsive fitness and nutrition tracking platform with modules for workout planning, calorie tracking and daily progress monitoring.
  * Implemented dynamic workout timers, BMI calculators and mean planners using JavaScript.

Certificates

- Databases and SQL for Data Science | Coursera
  https://www.coursera.org/account/accomplishments/verify/2SW2QZ6YBCVF
- Python Programming | Coursera
  https://www.coursera.org/account/accomplishments/specialization/GJ8MDDB4G33X

Additional Information

• Project Recognition: Participated in the 47th Student Project Programme by the Karnataka State Council for Science and Technology; received sponsorship to develop an advanced defence infrastructure using Lora WAN technology for secure, long-range communication.
• Award: Received a Bronze Award at work for exceptional performance and valuable contributions toward successful project deliverables.
• Languages: Proficient in English, Kannada and Hindi.
• Interests: Enthusiastic about badminton and reading books
• LinkedIn: www.linkedin.com/in/ashwini-k12