Rohan S Bhat

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Education

Canara Engineering College	Completed in 2023
B.E. in Computer Science (CGPA: 7.25)	*Mangalore, Karnataka*
Himalaya Pre-University College	Completed in 2019
Pre-University (PERCENTAGE: 72.83)	*Ankola, Karnataka*

Internships

KodNest Technologies — Oct 2023 – Mar2024

Software Development Intern - Virtual Experience

- Engineered a sophisticated music player application with Java Spring Boot, delivering robust backend functionality and integrating 6 core features.
- Designed and implemented a seamless, visually engaging frontend with 8 unique pages using Thymeleaf template engine, HTML, and CSS, enhancing user experience and application aesthetics.
- Integrated Razorpay for secure subscription payments and established comprehensive user authentication and admin roles with MySQL, simulating 2 distinct user accounts with varied access levels and executing end-to-end testing.

CodSoft — Sep 2023 – Oct 2023

Web Development Intern - Virtual Experience

- Crafted an engaging and visually appealing landing page for a resort using HTML and CSS, featuring 6 distinct sections that highlight resort facilities, packages, and amenities.
- Created an interactive portfolio website for a new professional, implementing 3 key functionalities such as resume download, contact form, and project showcase using front-end technologies.
- Delivered 4 comprehensive web development projects during the internship, demonstrating a diverse skill set and a commitment to high-quality results.

Job Simulations

Virtual Experience

- Completed JPMorganChase Software Engineering Lite Job Simulation by designing a new class and writing a comprehensive test suite with 100% code coverage, enhancing functionality and reliability in credit card rewards system.
- Finished Cognizant's Agile Methodology Job Simulation by identifying 4 user stories for an interplanetary video-conferencing app, creating a Scrum document , and addressing 3 development issues, enhancing Agile practice.

Projects

Student-Sphere

- Collaborated with a team of 2 to design and implement a robust DBMS for academic institutions, enhancing student data management and boosting administrative efficiency.
- Integrated 6 unique functionalities namely user registration, searching capabilities, viewing faculty details, viewing student details, checking course availability, checking marks.
- Used Java (Spring Boot) for backend logic, MySQL with 6 tables for database management, and HTML/CSS/Bootstrap for improved usability.

San-Eng Translator

- Collaborated in a team of 3 to gather and preprocess datasets, train the machine learning model, and integrate functionalities for precise translation.
- Refined the application to achieve 97% validation accuracy in translating Sanskrit text to English with a custom training dataset consisting around 129k records.
- Focused on user-friendly design and seamless integration of Machine Learning, Streamlit, and Tesseract OCR, supporting 2 input modes: text and image.

File-Vista
- Designed and developed a File Manager System using Spring Boot and MySQL, handling 1000+ file operations efficiently.
- Implemented an event-driven architecture, improving system modularity and reducing code complexity by 30%.
- Optimized database interactions, enhancing file retrieval speed by 40% for seamless user experience.

Technical Skills

Languages: Java, Python, JavaScript, HTML, CSS
Framework: Bootstrap
Database: MySQL
Tools: Git,VSCode

Courses and Certifications

- Oracle Java Foundation - LinkedIn Learning
- SQL Intermediate certification - Hackerrank
- Java Programming - GreatLearning
- Responsive Web Design - FreeCodeCamp
- Java Testing with JUnit - LinkedIn Learning

Extracurricular activities

- Represented school in volleyball, showcasing leadership and teamwork.
- Led paper presentations and quizzes.
- Participated in social outreach programs, emphasizing community welfare.