

Rohan S Bhat

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EXPERIENCE

Software Development Intern at KodNest Technologies(Remote, Training based) Oct 2023 - Mar 2024

- Developed a music player with 6 core features, optimizing backend performance for seamless playback and functionality.
- Designed an intuitive 8-page frontend while enhancing navigation, responsiveness, and user engagement.
- Implemented role-based authentication with 2 access levels, ensuring secure user control and reliable testing.
- Tech Stack: Java, Spring Boot, MySQL, and Thymeleaf.

Job Simulations at Forage(Remote) Oct 2023 - Oct 2023

- **JPMorganChase Software Engineering Lite Job Simulation:**
Created a class and test suite with 100% coverage, improving rewards system reliability.
- **Cognizant's Agile Methodology Job Simulation:**
Defined 4 user stories, created a Scrum document, and resolved 3 issues, enhancing Agile practices.
- Tech Stack: Java, JUnit, and Jira.

Web Development Intern at CodSoft(Remote) Sep 2023 - Oct 2023

- Crafted a resort landing page with 6 sections, highlighting facilities, packages, and amenities.
- Built a portfolio website with 3 features, including resume downloads, a contact form, and project showcase.
- Delivered 4 full-scale web projects, demonstrating expertise in front-end development.
- Tech Stack: HTML, CSS, and JavaScript.

EDUCATION

M.Tech in Computer Science And Engineering <i>Reva University</i>	Nov 2025 - Present <i>Bangalore, Karnataka</i>
Bachelor of Engineering in Computer Science <i>Canara Engineering College (CGPA: 7.25)</i>	Aug 2019 - Jun 2023 <i>Mangalore, Karnataka</i>
XII <i>Himalaya Pre-University College (PERCENTAGE: 72.83)</i>	Jun 2018 - Apr 2019 <i>Ankola, Karnataka</i>

PROJECTS

DocuMind AI – Intelligent PDF Question Answering System

- Developed an AI-powered PDF Question Answering system using Retrieval-Augmented Generation (RAG) to enable intelligent interaction with uploaded documents.
- Implemented semantic search using FAISS and Sentence Transformers to retrieve relevant document context and generate accurate responses with Groq LLM.
- Built and deployed a full-stack application using FastAPI, Streamlit, Docker, and cloud hosting for scalable document-based AI assistance.

San-Eng Translator – AI-Powered Sanskrit-to-English Translation

- Led a four-member team to develop an ML-based translator using a 129K-record dataset.
- Optimized translation accuracy, achieving 97% validation accuracy for both text and image inputs.
- Technologies used: Machine Learning, Streamlit, Tesseract OCR.

Student-Sphere – Academic Management System

- Developed a DBMS for academic institutions with a 6-table schema to efficiently manage student records.
- Implemented core features including user registration, search, faculty and student management, course availability, and marks tracking.
- Technologies used: Java (Spring Boot), MySQL, HTML, CSS, Bootstrap.

SKILLS

Programming Languages: Java, Python, JavaScript, HTML, CSS

Framework: Spring Boot, React, Bootstrap

Database: MySQL

Tools: Git, Jira

Others: Manual Testing

CERTIFICATIONS

Oracle Java Foundation - LinkedIn Learning,
Responsive Web Design - FreeCodeCamp,

SQL Intermediate certification - Hackerrank,
Java Testing with JUnit - LinkedIn Learning

EXTRACURRICULAR ACTIVITIES

- Represented school in volleyball, demonstrating leadership, teamwork, and competitive spirit.
- Led paper presentations and quizzes, showcasing public speaking skills.
- Engaged in social outreach programs, promoting community welfare and social responsibility.