

Sharada Patil

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INTERNSHIPS

Full-Stack DevOps Intern

BNMIT, Bengaluru

- Developed and deployed a cloud-based application on AWS, integrating frontend and backend components. Worked on DevOps practices, including CI/CD, infrastructure management, and cloud deployment.
- Gained foundational knowledge of DevOps tools such as Kubernetes, Jenkins, GitHub, and more.

Web Technology and File Structure Intern

BNMIT, Bengaluru

- Designed and implemented a user authentication system with backend data retrieval using SQL.
- Gained hands-on experience in web technologies and file structure management.

PROJECTS

AI-based MCQ and Question Generator

- AI-Powered MCQ Generation – Utilizes Google's Gemini AI to analyze text from uploaded documents (TXT, DOCX, PDF) and generate relevant multiple-choice questions (MCQs).
- Interactive Testing – Allows users to take tests based on generated MCQs within the application.
- Score Display – Automatically evaluates responses and displays scores upon test completion.
- Download Option – Enables users to download the generated MCQs for offline use.

AI Interview Mocker

- Platform: Web-based application
- Frontend: Next.js, HTML, CSS, JavaScript
- Backend: Neon (PostgreSQL cloud-based database), Node.js
- Functionality: This application simulates interview scenarios by generating AI-driven interview questions based on specific job roles or topics. Users can practice answering these questions and receive feedback.

Multiple Disease Diagnosis System

- Developed a Multiple Disease Diagnosis System to predict heart disease and diabetes from text input and pneumonia from X-ray images.
- Implemented deep learning models for accurate disease detection, leveraging Convolutional Neural Networks (CNN) for image-based diagnosis.
- Integrated a user-friendly interface to input patient data and medical images for real-time diagnosis.
- Optimized model performance by preprocessing data, fine-tuning hyperparameters, and improving prediction accuracy. Ensured efficient data handling by managing structured patient data and medical images for seamless diagnosis processing.

SKILLS AND INTERESTS

- **Programming Languages:** Java, C, Python, PySpark
- **Web Technologies:** HTML, CSS, JavaScript, PHP (Basic)
- **Database Technologies:** SQL, MySQL, NoSQL, React, Node.js, Bootstrap
- **Version Control:** Git, GitHub
- **Core Competencies:** Data Structures & Algorithms (DSA), Problem-Solving
- **Data Analytics & Visualization:** Power BI

ACHIEVEMENT

- Solved 300+ DSA questions in Java on LeetCode and earned 5+ badges.

EDUCATION

BNM Institute of Technology Bengaluru Dec 2022-Jul 2026

CGPA : 9.3

Bachelor of Engineering in Computer Science
SNJPSNMS Independent PU College (PCMB)

PER: 94.05%

Government High School Nerli (SSLC)

PER: 96%

