Murli Manohar

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SUMMARY

Motivated and detail-oriented individual seeking a Software Development Engineer (SDE-1) position to launch a career in software engineering. Eager to contribute to innovative projects, learn new programming languages, and collaborate with dynamic teams. Possess a strong academic background in computer science and a passion for problem-solving. Dedicated to delivering high-quality code and continuous improvement. Ready to adapt quickly to new technologies and methodologies. Looking to support organizational goals by applying a strong work ethic and willingness to learn.

PROFESSIONAL EXPERIENCE

Kodnest Technologies   **Bengaluru, Karnataka, India**
Software Development Intern   **17 Nov 2025 - Present**

- Interned at KodNest and gained practical expertise in Java, MySQL, Frontend Technology, and Manual Testing. Contributed to live projects and learned key professional and technical skills from experienced industry mentors while collaborating within a dynamic project team.

Infosys Springboard   **Virtual**
Software Development Intern   **06 Oct 2025 - Present**

- Working closely with an experienced mentor as a Java development intern, contributing to a Selenium testing project by developing and maintaining test automation scripts, gaining hands-on experience in Java programming, software quality assurance, and Agile project workflows.

PROJECT EXPERIENCE

- **Machine Learning for Predicting Plant Diseases and Optimizing Fertilizer Use**
  - Developed and implemented a plant disease detection project utilizing advanced image processing and soil mineral content analysis to provide targeted fertilizer recommendations, enhancing agricultural productivity. Applied data analytics for accurate diagnostics, demonstrating research and problem-solving abilities. Presented related research at the AICDMB 2025 IEEE conference.

- **Real-time face recognition System**
  - Developed a real-time face recognition system leveraging advanced machine learning techniques to accurately identify individuals from live video feeds, ensuring high accuracy and efficiency. Completed data preprocessing, model training, and performance testing, resulting in improved recognition rates and enhanced system reliability.

- **E-Commerce Website**
  - Developed and contributed to a comprehensive e-commerce website designed to provide seamless online shopping experiences, allowing users to browse products, perform secure transactions, and efficiently manage orders through an intuitive interface, while ensuring high accessibility and performance.

- **Neural Style Transfer for Text-to-Text Rewriting**
  - Designed and implemented an AI-driven text transformation application utilizing Hugging Face API, enabling users to change the style of text into formats such as formal, casual, and humorous. Demonstrated strong skills in Python programming, API integration, and enhancing user accessibility through seamless interface design.

- **All Online Tools**
  - Built a fully functional frontend project with multiple calculation utilities like BMI calculator, unit converter, SIP calculator, and GST/tax calculators. Managed code repository on GitHub

and ensured live deployment via Netlify at allonlinetools.tech, demonstrating proficiency in web development and project lifecycle management.
- **Automated Test Execution Framework**
  - Developed a Java-based regression testing framework utilizing OOP, multithreading, and JDBC to automate Selenium UI and REST-Assured API tests. Integrated scheduling, parallel execution, automated screenshots, logging, and CI-compatible reporting in HTML, CSV, and JUnit formats. Leveraged Spring Boot REST APIs for test scheduling, execution, and results management to optimize automation workflows.

ACHIEVEMENTS & CERTIFICATIONS

Nptel Elite + Gold Certificate -in Introduction to IOT.   05 Nov 2025
NPTEL, Mohali

Java as a Second Language   21 Jun 2024
Coursera, Virtual

NoSQL, Big Data, and Spark Foundations   11 Jan 2024
Coursera, Virtual

Google Data Analytics   08 Apr 2022
Coursera, Virtual

Data Visualization with Tableau   21 Dec 2023
Coursera, Virtual

EDUCATION

10th Grade
ST LAWRENCE ACAD SHAHPUR KARANJA BIKRAM PATNA BR, 75.5%
Year of Passout: 2018

12th Grade
ST LAWRENCE ACD SHAHPUR KARANJIA BIKRAM PATNA BR, 61.2%
Year of Passout: 2020

Undergraduate
Chandigarh University, Bachelor of Engineering (B.E./B.Eng.)
Year of Passout: 2025, CGPA: 7.53

SKILLS

OOPs   DSA   Java   Full Stack   Web Development   React   Node.js

HTML/CSS

LANGUAGES

- English (Fluent)
- Hindi (Advanced)