

Damarla Lokesh Sai

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PERSONAL SUMMARY

Detail-oriented Software Engineer with solid foundations in algorithms, data structures, and system design. Experienced in building scalable full-stack apps, writing clean code, and resolving complex bugs. Skilled in Java, JavaScript, and React with hands-on experience in databases, REST APIs, and authentication. Focused on delivering reliable solutions through testing, reviews, and continuous improvement.

RELEVANT COURSEWORK

Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Database Management Systems, Software Engineering, Web Technologies, Cloud Computing, Artificial Intelligence, Cybersecurity

EDUCATION

Koneru Lakshmaiah University, Guntur, Andhra Pradesh 2022 – Present
Bachelor of Technology in Computer Science and Engineering
CGPA: 9.42 or Percentage: 86.49%

Narayana Junior College, Mangalagiri, Andhra Pradesh 2020 – 2022
Intermediate (MPC Stream)
Percentage: 89.9 %

EXPERIENCE

Freelance Software Engineer, Full-Stack Development Oct 2024 – Dec 2024

- Developed a full-stack **Project Management System** using **React.js**, **Node.js**, and **real-time APIs**, improving task visibility and tracking by 60%.
- Created 10+ reusable, modular components using **OOP principles**, cutting future dev time by 25%.
- Delivered production-ready, secure, and scalable solutions for 3 clients with 100% satisfaction.

PROJECTS

Secure Image Steganography Platform, Github Aug 2024 – Sept 2024

- Developed a web tool to embed text securely in image pixels using steganographic encoding, achieving 95% extraction accuracy.
- Integrated encryption logic to defend against 80% of common steganalysis methods; validated on 10+ formats with 98% pixel fidelity.
- Tools Used: HTML, CSS, JavaScript, Canvas API

E-commerce Site, Github May 2024 – June 2024

- Designed and built a scalable e-commerce platform with product categorization, advanced filtering, and mobile-first UI.
- Integrated MongoDB for dynamic data management; improved product discoverability by 40% via optimized query logic.
- Tools Used: React.js, Tailwind CSS, MongoDB

AI Resume Matcher July 2023 – Dec 2023

- Built an AI-based matcher that aligns resumes with job descriptions using cosine similarity and NLP-based keyword extraction.
- Parsed PDFs and scored relevance with 88% test accuracy; actively used by peers during placement prep.
- Tools Used: Python, NLP (spaCy), Streamlit

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, SQL

Web & Frameworks: React.js, Angular, HTML5, CSS3, Tailwind, .NET Core

Databases & APIs: MongoDB, MySQL, RESTful APIs, Microsoft Graph API

Tools & Platforms: Visual Studio, Postman, Git, Kubernetes

CERTIFICATIONS

- Salesforce Certified Platform Developer 1
- Red Hat Certified Enterprise Application Developer (EX183)
- Automation Anywhere Certified Essentials RPA Professional – 2023
- Hackerrank 5-star in Java, Python
- Salesforce Certified AI Associate

ACHIEVEMENTS

- Solved 200+ coding problems on LeetCode; ranked in the top 17.06% globally with 55+ DSA-focused problems.
- Earned 5-star badges in Java, Python, C, and Problem Solving on HackerRank.
- Completed verified certifications in React, REST APIs, SQL (Basic to Advanced), and JavaScript (Intermediate) on HackerRank.