Kowshik Emmadisetty

Bachelor of Technology
in Computer Science Engineering
KL University, Vijayawada, Andhra Pradesh

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Portfolio: https://portfolio-kowshik.netlify.app/

Career Objective

A motivated Computer Science and Engineering student with a strong foundation in software development, Networking, and scalable architecture. Passionate about collaborating on cross-functional projects, building reliable and high-performing systems, and solving complex technical challenges. Eager to apply expertise in programming, code reviews, and scalable system operations to deliver impactful solutions that align with Stripe's mission of accelerating global commerce.

Education

- **Bachelor of Technology in CSE(H)**   2021 - 2025
  Koneru Lakshmaiah University, Guntur. **CGPA**: 9.71/10
- **Intermediate, BIEAP, Class XII**   2019 - 2021
  Narayana Junior College, Vijayawada.   90.10%
- **BSEAP, Class X**   2019
  Narayana EM High School, Vijayawada. **CGPA**: 9.5/10

INTERNSHIPS

- **AICTE**
- Network fundamentals   *July 2021 - August 2022*
- Cloud computing   *August 2022 - July 2023*

PROJECTS

- **Personal Resume Generator** (React-Based Development)   https://kowshik-resume-generator.vercel.app/

  Developed a Resume Generator application using React, allowing users to input professional details and preview their resumes in real time. Included PDF download functionality for offline use, ensuring a seamless and user-friendly experience.
  - **Technology Stack:** React.js, Bootstrap, React Router, React-to-PDF, JavaScript, HTML, CSS,
  - **Key Features:** Live preview, Modular and reusable component architecture, PDF download functionality

- **Image Forensics**   (Flask Based Development)
  Developed a Flask web application for extracting and analyzing image metadata, including camera settings, GPS location, and timestamps. Integrated RapidAPI for enhanced metadata, aiding image verification, forensics, and privacy compliance.
  - **Technology Stack:** Flask, Python, HTML, CSS, Bootstrap, RapidAPI, Jinja2 Templates.
  - **Key Features:** Extraction of EXIF metadata including timestamps, Secure file handling, and processing in a static directory.

- **Academic Project Management System** (Java Full Stack Development)
  Developed a web-based application to streamline project management processes in an educational environment. The system facilitates role-based access for administrators, mentors, and students, enabling efficient mentor allocation, project tracking, team management, and real-time feedback integration.
  - **Technology Stack:** Spring Boot, Java, JSP, React, MySQL, Apache Tomcat, Maven, Spring Data JPA,
  - **Key Features:** Dynamic allocation of mentors to projects, Team creation, Real-time project feedback and review system.

- **Chatter Application** (MERN Stack Development)
  Developed a real-time chat application with messaging, chat rooms, and video calling features. Includes responsive UI, secure authentication, real-time synchronization, profile pictures, username displays, and options like "Exit Room" and "Sign Out."
  - **Technology Stack:** React.js, Tailwind CSS, Firebase Authentication, Firebase Database, ZegoCloud SDK, JavaScript, GitHub.
  - **Key Features**: Real-time messaging with Firebase authentication and synchronization.

TECHNICAL SKILLS

- **Languages**:   C, Java, Python, SQL, JavaScript
- **Web Technologies and Frameworks**: HTML & CSS, React JS, Flask, SpringBoot, BootStrap, Node.js
- **Cloud Technology**:   AWS
- **Core Computing:**   Data Structures, Algorithms, and Object-Oriented Design, Software Development Life Cycle (SDLC)
- **Databases**:   MongoDB & MySQL
- **Version control**:   Git, GitHub
- **Operating Systems:**   Windows & Linux
- **Soft Skills**:   Communication, Teamwork, Adaptability, Time-management, Logical Thinking, Problem Solving.

CERTIFICATIONS

- **AWS Certified Cloud Practioner** Amazon Web Services
- **NPTEL Certifications: Demystifying Networks, Ethical Hacking** Swayam
- **Google Cloud Associate Engineer** Google Cloud Services
- **RedHat Certified Enterprise Application Developer** RedHat

EXTRA-CURRICULAR ACTIVITIES

- Led cybersecurity workshops for junior students on network security, data protection, and ethical hacking.
- Pencil Arts, Micro Arts and Content creation on Instagram

CODING PLATFORMS

- LeetCode : **https://leetcode.com/Kowshikemmadisetty/**
- CodeChef : **https://www.codechef.com/klu2100031921**

ACHIEVEMENTS

- **Miracle-World Record**, Indian National Anthem Carved on a Turdal of size 5mm.   *2018*
- Participated in **Codekaze 2023** and ranked 2106 out of 100K+ participants.   *2023*

POSITION OF RESPONSIBILITY

- **Technical lead**, White-Hat Hackers Club, KL University   *Mar. 2023 - Sep 2024*