Burra Lakshmi Sailaja

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EDUCATION

- **Koneru Lakshmaih University** — Andhra Pradesh, India
  Bachelor of Technology - Computer Science Engineering; GPA: 9.79 — *July 2022 - June 2026*
  Relevant Courses: Data Structures, Object-Oriented Programming, Database Management System, Web Development

TECHNICAL SKILLS

- **Languages**: C, Java, JavaScript, SQL, Bash, Go

- **Technologies**: Node.js, Express.js, React.js, Spring Boot, PostgreSQL, MongoDB, Git

- **Cloud & DevOps**: Google Cloud Platform (GCP), AWS, Azure, Docker, Kubernetes

EXPERIENCE

- **Software Engineering Intern** — Aug 2025 - Nov 2025
  Nokia — Mediation Platform Team — *Bangalore, India*
  - Engineered telecom data ingestion pipelines processing 2M+ records daily, improving parsing efficiency by 40%
  - Redesigned batch processing modules, increasing end-to-end throughput by 28%
  - Reduced pipeline failure rates by 45% through enhanced error handling and data validation logic

- **Software Engineering Intern** — May 2025 - July 2025
  Google — GCP Business Application Platform Team — *Bangalore, India*
  - Designed cross-platform integration plugin connecting Azure APIs with Google Cloud, enabling seamless multi-cloud workflows
  - Engineered production-grade connectors supporting 10K+ daily transactions with 99.9% uptime through robust error handling and exponential backoff retry mechanisms
  - Boosted internal workflow efficiency by 35% through automated multi-stage pipeline orchestration

- **AI Engineer (Contract)** — Jan 2024 - Apr 2024
  Every AI — *Remote*
  - Built AI-powered voice automation system managing 115+ weekly customer interactions with 92% accuracy rate
  - Implemented context-aware dialogue management system, reducing average call handling time by 30%
  - Integrated speech-to-text and sentiment analysis APIs to enhance conversation quality and user satisfaction

- **Backend Developer (Contract)** — Sep 2023 - Dec 2023
  Mirus Solutions — *Remote*
  - Architected AI-driven recruitment pipeline automating JD parsing and candidate matching, reducing manual effort by 40%
  - Trained and deployed NLP models achieving 50% improvement in candidate-job matching accuracy
  - Accelerated semantic search algorithms, decreasing query response time by 30% for 10K+ candidate database

PROJECTS

- **Mutual Funds Advisor Platform** — *Spring Boot, JSP, WebSocket, MySQL* — GitHub
  - Developed multi-role Spring Boot platform with Admin, Investor, Financial Advisor, and Analyst modules
  - Integrated real-time chat using WebSocket, tutorial upload system, and interactive quiz features
  - Deployed on Railway with MySQL database handling 500+ concurrent users with optimized query performance
- **Online Job Portal** — *React.js, Node.js, Express.js, MongoDB* — GitHub
  - Architected full-stack MERN application connecting job seekers with employers through intuitive interface
  - Implemented advanced search and filter algorithms with MongoDB aggregation improving matching accuracy by 40%
  - Built RESTful APIs with JWT authentication and role-based access control serving 1000+ job listings

ACHIEVEMENTS & CERTIFICATIONS

- **Women Engineers Scholar (Google & TalentSprint)**: Selected as top 1% from 22,000+ applicants nationwide

- **Reliance Undergraduate Scholar** : Awarded scholarship as top 5% performer in national aptitude assessment

- **Global Certifications**: Google Cloud Associate Engineer, AWS Cloud Practitioner, Microsoft Azure AI Fundamentals , Cambridge Lingua Assessment , Red Hat Certified Enterprise Application Developer

- **Programming Achievements**: Winner: Coding Quest (SRKIT) — Runner-Up: Debugging Contest (LBRCE)