Nadipalli Jaswanth

LinkedIn GitHub Portfolio LeetCode GeeksforGeeks

nadipallijaswanth2005@gmail.com
+91-9492186976

EDUCATION

National Institute of Technology (NIT), Andhra Pradesh — Andhra Pradesh, India
Bachelor of Technology - Computer Science and Engineering; GPA: 8.23 — *Nov 2022 - June 2026*

PROFESSIONAL EXPERIENCE

National Institute of Technology, Andhra Pradesh — Remote
Full Stack Developer — *May 2025 - Sep 2025*
- Designed and developed full-stack applications for institutional use, including a centralized Student Portal and a Training & Placement (TNP) Cell platform serving 2,000+ students.
- Built scalable APIs and microservices architecture with authentication, caching, and query optimization, improving system performance by 20%
- Implemented role-based access (Admin/Student) for the TNP Cell, enabling job postings, one-click applications, and resume management.

Horeka Supply India Private Limited — Remote
Backend Developer Intern — *Jan 2025 - Mar 2025*
- Built enterprise-grade Spring Boot modules, reducing DB latency by 30% through query optimization.
- Developed scalable API architecture following industry best practices for internal tools.
- Contributed to debugging, unit testing, documentation, and code reviews for backend services.

PROJECTS

- **Skill Share Micro Economy**:
  Tech Stack: TypeScript, Node.js, Express, Prisma, Next.js, Razorpay, Clerk
  - Built a credit-based learning platform with Clerk + JWT authentication, Razorpay payments, and real-time messaging.
  - Implemented credits economy to promote high-quality content — posting costs credits, while upvotes earn rewards and enables media-rich posts/comments

- **Custom GPT Implementation**:
  Tech Stack: PyTorch, Python, NumPy, Transformers
  - Developed miniature GPT model implementing custom tokenization, self-attention, and transformer blocks
  - Designed neural architecture with positional embeddings achieving coherent autoregressive text generation

- **Advanced Sentiment Analysis Tool**:
  Tech Stack: DistilBERT, TensorFlow, PyTorch, NLTK, Python
  - Developed emotion classifier for 27 emotions using GoEmotions dataset with separate transformer and LSTM models
  - Fine-tuned DistilBERT model achieving 88% accuracy and implemented LSTM baseline for comparative analysis

- **Real-Time Social Media App**:
  Tech Stack: MERN Stack, Socket.IO, JWT, Tailwind CSS
  - Designed real-time social platform with secure authentication and live messaging using Socket.IO
  - Developed responsive frontend with efficient database queries and modular service design for scalability

TECHNICAL SKILLS

- **Programming Languages**: Java, Python, JavaScript, TypeScript, SQL, Prolog
- **AI/ML Frameworks**: PyTorch, TensorFlow, Scikit-learn, Pandas, Numpy, Langchain, NLTK
- **Deep Learning**: Neural Networks, LSTM, Transformers, CNNs, Self-Attention, RAG
- **Web Technologies**: React.js, Next.js, Node.js, Express.js, NestJS ,Spring Boot, Tailwind CSS, EJS
- **Databases**: MySQL, PostgreSQL, MongoDB, Redis, Database Schema Design
- **Cloud & DevOps**: AWS, Docker, Git, GitHub, Google Colab
- **Development Practices**: System Design, Microservices, Agile, RESTful APIs, JWT Authentication, Vercel

CERTIFICATIONS

- **Microsoft Certifications:** Introduction to Machine Learning Concepts, Azure AI Fundamentals
- **HackerRank Certifications:** REST API (Intermediate), Python (Basic), SQL (Basic)
- **NPTEL:** Python for Data Science

ACHIEVEMENTS & LEADERSHIP

- 1400+ Rating on LeetCode & GeeksforGeeks — Solved 350+ algorithm problems.
- Teaching Assistant — Introduction to Programming Lab, NIT Andhra Pradesh.
- Co-Secretary — CSE Association, NIT Andhra Pradesh.
- Joint Secretary — Coding Club, NIT Andhra Pradesh.
- Open Source Contributor — College Technical Fest website serving 5,000+ participants.