PHANEENDRA REDDY NAREDLA

Denton, TX | +1 9408438302 | linkedin.com/in/phaneendra-reddy-naredla/ | naredlaphaneendrareddy@gmail.com

PROFESSIONAL PROFILE

Master's in computer science (4.0 GPA) with strong expertise in Java, Spring Boot, AWS Cloud, and scalable backend systems. Experienced in microservices, real-time data pipelines (Kafka, MongoDB, Spark), and cloud-native deployments (Docker, Lambda, CI/CD). Adept at mentoring, problem-solving, and building production-ready systems with measurable impact.

TECHNICAL SKILLS

AWS | Core Java | Spring Boot | Python | MySQL | Golang | JavaScript | Docker | System Design | GraphQL | PostgreSQL| C++ | REST APIs | GEN AI | MongoDB.

EDUCATION

Master of Computer Science

University of North Texas, Denton, Texas **Aug 2023 – May 2025**

Bachelor of Computer Science and Technology

Gokaraju Rangaraju Institute of Engineering and Technology, India **Aug 2019 - May 2023**

CERTIFICATIONS

- AWS Certified Cloud Developer- Associate.
- Data Visualization with python - IBM
- AWS ML Foundations
- Tata GenAI-Powered Data Analytics

EMPLOYMENT EXPERIENCE

University of North Texas - Teaching & Research Assistant, Denton, TX **May 2024 – May 2025**

- Teaching Assistant for 180+ graduate students across two core subjects: Software Development for AI and Software Engineering. Explained and reinforced computer science fundamentals (data structures, algorithms, OOP, distributed systems) to improve student understanding of scalable engineering practices.
- Mentored students in backend system design, distributed computing, and cloud pipelines using Java, Python, Spring Boot, and AWS. Guided projects involving real-time AI model deployment, microservices, and cloud-native backend workflows. Promoted best practices including Git, Jenkins, automated testing, and API security across student projects.

Sova Skills Education Pvt.ltd – SDE Intern, India **April 2022 – July 2023**

- Developed RESTful APIs using Java Spring Boot, deployed on AWS (EC2, S3) to deliver modular and secure backend services. Built data pipelines integrating MongoDB and AWS S3, enabling scalable analytics on structured/unstructured data. Automated deployments with Docker and GitHub Actions, reducing release cycles by 40%.
- Strengthened backend resilience with authentication, authorization, and input validation. Delivered production-ready, well-documented, and tested code, collaborating with cross-functional teams (product, design, engineering) to optimize backend performance under high data loads.

PROJECTS

Distributed Movie Recommendation System

- Designed and deployed Java/Spring Boot microservices with PostgreSQL and Redis for high-availability recommendations. Implemented horizontal scaling and API optimization to handle high-volume concurrent requests.
- Deployed using AWS EC2, API Gateway, and S3, ensuring cloud scalability and reliability. Delivered tested, reliable features through Agile collaboration.

AI Driven Resume Analyzer

- Developed a Python-based NLP/ML system to analyze resumes and match them against job descriptions. Built REST APIs and integrated with a React frontend for real-time scoring and recommendations.

Leaf Disease Detection

- Led a team to design and deploy an ML-based system for real-time crop disease detection. Applied Agile practices and managed milestones, demonstrating problem-solving and collaboration skills.

User Engagement recommendation System

- Built a collaborative filtering recommendation engine to personalize user content.
- Optimized models using matrix factorization and similarity measures, improving engagement by 18%. Deployed via REST APIs on AWS with auto-scaling infrastructure, supporting millions of requests.

AWARDS/SCHOLARSHIPS

RCOB/MGMT Ken & Shirley Murphy Scholarship, $1000 per semester, University of North Texas **May 2024-May2025**

- Awarded for academic Excellence and entrepreneurship skills.