Sriman Kunda

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Professional Summary

Detail-oriented and adaptable engineering student with hands-on experience in software development, AI, cloud integration, and networking projects. Strong background in Node.js, MongoDB, Express, Python (PyTorch, LSTM, CNN), and Web Development. Skilled in problem-solving, research, and building scalable solutions with a focus on team collaboration and innovation.

Education

Bachelor of Engineering (B.E.), Computer Science and Engineering (2023 - 2027)
Coursework includes Data Structures, Networking, Artificial Intelligence, Cloud Computing, and Databases.

Technical Skills

Languages: JavaScript (ES6+), Python, SQL, C++
Web Development: Node.js, Express, HTML5, CSS3, Three.js
Databases: MongoDB, MySQL
AI/ML & Data Science: PyTorch, LSTM, CNN, Reinforcement Learning, Feature Selection
Cloud & Tools: AWS (Rekognition, Integration Services), Git, npm, pnpm
Other: REST APIs, Mongoose, Async Programming, Networking Protocols (IPv4, Routing, NAT)

Projects & Academic Work

Smart Online Examination Monitoring with AWS Rekognition
Built a cloud-integrated system for live proctoring using AWS Rekognition. Designed a scalable model ensuring malpractice detection without requiring deep ML expertise.

Student-Course Management System (Node.js + MongoDB)
Developed a CLI-based student registration and course management system using Mongoose with email validation, aggregation queries, and populated course details.

Deep Curious Feature Selection (DCFS)
Implemented LSTM-based Q-network for feature selection with curiosity-driven exploration. Compared performance against SFS and Random Forest, with GUI visualization.

Networking Assignment – IPv4 Fragmentation & Dijkstra's Algorithm
Implemented packet fragmentation and routing simulation in Python, displayed results in tabular format (offset, size, MF flag, path, cost).

Market Research & Strategy Studies
Created detailed case-study PPTs on customer value, product development, and strategy with structured analysis of real-world problems.

Achievements & Awards

Delivered presentations on AI and Cloud Integration projects with positive feedback.
Recognized for teamwork and innovative problem-solving in group research assignments.

Extracurricular & Volunteering

Contributed to college tech fests by developing demo applications and mentoring peers.
Active in open-source practice projects (Node.js & Python).

Reflections / Personal Statement

Curious learner and passionate engineer, motivated to bridge theory with real-world applications. With a strong foundation in AI, web development, and cloud technologies, I aim to contribute innovative solutions while continuously upgrading my technical and professional skills.