

Shreesh Kulkarni

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EDUCATION

- Northeastern University** Boston, MA
Master of Science in Computer Science; GPA: 4.0/4.0
Sept. 2025 – Dec. 2027
- Related courses: Programming Design Paradigms, Database Management Systems, Algorithms, Foundations of AI
- The National Institute of Engineering** Mysuru, India
Bachelor of Engineering in Computer Science; GPA: 3.75/4.0
Aug. 2019 – Aug. 2023
- Related courses: Web Technologies, Data Structures and Algorithms, Object Oriented Programming

TECHNICAL KNOWLEDGE

- Programming Languages:** Javascript, C, C++, Python, GoLang, Java, SQL
Databases: MySQL, MongoDB, PostgreSQL
Web technologies: Vue.js, React, Redux, Next.js, Svelte, Django, Express.js, Springboot
DevOps tools: Git, Github, Docker, Kubernetes, Helm, Jenkins
AI & Frameworks: LangChain, OpenAI API, Vector Databases (Pinecone/Milvus), PyTorch, HuggingFace

WORK EXPERIENCE

- Lowe's Services India Pvt. Ltd., Bengaluru, India** Jul. 2023 – Jul. 2025
Software Engineer (L2)
- Architected an inbound trailer optimization algorithm to streamline logistics for Regional Distribution Centers, specifically targeting the reduction of demurrage and detention costs.
 - Automated end-to-end manual planning workflows by developing a centralized orchestration platform, significantly reducing the manual coordination required by staff to manage high-volume trailer arrivals.
 - Recognized with Spot and Individual Excellence Awards for delivering high-quality, scalable solutions.
 - Designed and led internal technical workshops for fellow engineers, enhancing team-wide collaboration and knowledge sharing.
- Exinuous Technologies Pvt. Ltd., Mysuru, India** Apr. 2021 – Aug. 2023
Full Stack Developer
- Migrated infrastructure to the cloud using AWS, cutting infrastructure costs by 70% and improving reliability.
 - Automated manual workflows with Python scripts, minimizing task time and data errors.
 - Trained and mentored a cohort of interns, guiding them through technical workshops and project-based assessments.

PROJECTS

- Shizen, Remote** Sept. 2025 – Nov. 2025
- Developed the frontend for an AI financial assistant that consolidates outputs from multiple agents. Implemented features for markdown rendering, data citations, and user feedback mechanisms.
 - Built interactive financial charts using D3.js and Recharts, creating dual-axis graphs to compare climate anomalies against equity price movements.
- Golang iLO REST SDK (for Hewlett Packard Enterprise)** Aug. 2022 - Oct. 2022
- Developed a RESTful SDK using Golang to interact with HPE Integrated Lights Out (iLO) devices.
 - Utilized the Redfish protocol to manage and monitor server hardware remotely.
 - Implemented features for power cycling, remote console access, and firmware updates.
- Minerva - Open Source Identity Provider** Dec. 2022 - Mar. 2023
- Contributed to the development of an open-source identity provider enabling secure authentication and authorization.
 - Assisted in testing and debugging the application, improving code quality and reliability.

CERTIFICATIONS & HONORS

- MIT 6.S191: Introduction to Deep Learning** |Massachusetts Institute of Technology Jan. 2026
- Completed intensive coursework covering Computer Vision and NLP taught by **Alexander Amini**.
- IEEE Computer Society Chairperson** May. 2020 - Aug. 2022
- Recipient of the **Richard E. Merwin Student Scholarship** for leadership and academic excellence.
 - Orchestrated technical seminars and hackathons; conducted a **Blockchain** workshop for 100+ students.
 - Mentored students during **Hacktoberfest** and delivered hands-on training on Git and version control.
- Academic Honors**
- Awarded 50% fee waiver (CET rank 2439/194,301); Ranked 10th in Higher Secondary (KSEEB Board).