

Sunni Kumar

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SUMMARY

Results-oriented Software Engineer (AI/ML) with 2+ years of professional experience designing, developing, and deploying scalable, data-intensive applications. Proven success in optimizing backend systems, achieving up to 40% faster query performance in high-traffic production environments. Strong expertise in Machine Learning, Deep Learning, and Computer Vision, with hands-on experience in building and deploying end-to-end ML pipelines as production-ready APIs. Skilled in Python, Java, Spring Boot, React, TensorFlow, PyTorch, and AWS, with a solid foundation in Data Science (IIT Madras). Adept at cross-functional collaboration, Agile development, and mentoring junior engineers, driving both technical excellence and measurable business outcomes.

WORK EXPERIENCE

Software Developer, Freshmenu — Bengaluru Sep 2023 – Present

- Designed and maintained high-throughput REST APIs with Spring Boot, supporting thousands of daily transactions in a production e-commerce environment.
- Optimized PostgreSQL queries and refactored backend logic, achieving a 40% reduction in critical query response times.
- Collaborated on an Agile team to design, develop, and deploy full-stack features using Angular and Node.js.
- Mentored junior developers, conducted code reviews, and improved overall code quality and team velocity.

PROJECTS

Smart Product Listing Tool (Computer Vision + ML Deployment) [Code Link](#)

Architected an end-to-end computer vision tool that automates product metadata generation. Built a CNN model with TensorFlow & OpenCV for attribute classification, improving listing accuracy by 35%. Deployed as a FastAPI REST service, reducing manual data entry time significantly.

EDUCATION

2022 – Present	Bachelor of Science in Data Science & Applications (Online), IIT Madras	Expected: May 2026
2022	Full Stack Development Certification, Masai School, Bengaluru (Remote)	Completed: Dec 2022

SKILLS

Languages	Python, Java, JavaScript, TypeScript, SQL
AI/ML & Data Science	TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, OpenCV, FastAPI, Machine Learning, Deep Learning, Computer Vision
Backend Frameworks	Flask, Spring Boot, Node.js, REST APIs, Microservices
Frontend Frameworks	React.js, Vue.js, Next.js, Angular
Databases	PostgreSQL, MongoDB, MySQL
Tools & Platforms	Git, AWS, Docker, Jupyter Notebook