

SHARON KADAMANDLA

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Skills

Programming Languages & Frontend: Python, Java, Kotlin, C++, JavaScript, HTML, CSS, XML

Frameworks, Tools & Technologies: Spring Boot, Docker, AWS, Git, Angular, React, Microservices

Software Development & Engineering: API Design, Debugging, Data Structures & Algorithms, Low-Level Design, Object-Oriented Programming (OOP), SOLID Principles, Version Control (Git)

Data & Analytics: SQL, Tableau, Power BI, Excel, Power Query, Machine Learning, Algorithm Implementation

Soft Skills: Problem Solving, Cross-Functional Collaboration, Clear Communication, Independent Execution

Projects

Next Word Prediction via API Integration (Published on Github)

(01/2024 - 04/2024)

- Developed RESTful APIs to deliver real-time predictive text functionality.
- Implemented OOP principles ensuring scalable and maintainable codebase.
- Optimized data pipelines to enhance response speed and prediction accuracy.

Audio Translator using OpenAI, GoogleCloud (Published on Github)

(08/2025)

- Built a multilingual audio translator that converts English audio into multiple languages.
- Leveraged cloud APIs for speech recognition and text-to-speech synthesis.
- Focused on scalability and adaptability for broader use cases.

CV Analysis using AI (Published on Github)

(09/2023 - 12/2023)

- Designed ML models in Python to extract keywords and evaluate candidate-job match scores.
- Integrated sentiment and personality assessments to support recruitment decision-making.
- Delivered high-accuracy filtering for top candidate identification.

Professional Experience

Virtusa, Associate Engineer-Technology

India (05/2022 - 08/2023)

- Engineered enterprise-grade applications using Java, Spring Boot, and Microservices.
- Applied MVP and modular design patterns to ensure scalability and reusability.
- Collaborated in Agile/SCRUM sprints, resolving critical production issues and optimizing backend performance.
- Engaged in continuous integration and peer code reviews to maintain high-quality delivery.

Virtusa, Intern - Delivery

India (01/2022 - 04/2022)

- Developed Employee Management System modules using Angular, Spring Boot, and MySQL.
- Practiced RESTful API integration, debugging, and Git-based version control.
- Supported end-to-end SDLC processes in Agile development environments.

Smart Interviews, Teaching Assistant

India (09/2021 - 05/2022)

- Mentored 100+ students on advanced algorithms, including recursion, DP, and graph theory.
- Designed learning modules and mock tests to reinforce core CS concepts.

Certifications

Oracle Certified Associate, Java SE 8 (2023)

Python and SQL Programming (*Hackerrank*, 2022)

Education

Post-Graduate Certificate in Data Analysis for Business Decision Making

(09/2024 - 04/2025)

Durham College, Oshawa, Canada

Post-Graduate Certificate in AI Analysis, Design & Implementation

(08/2023 - 04/2024)

Durham College, Oshawa, Canada

Bachelor of Technology in Computer Science Engineering

(06/2018 - 10/2022)

CMR Engineering College, Hyderabad, India

Achievements

- **Promoted** - Customer Service Manager, Walmart (2025)
- **Dean's Honours** - Postgraduate Diplomas (Data Analytics, 2025)
- **Winner, IT Expo** - CV Analysis with AI (2024)
- **Dean's Honours Roll** - Postgraduate Diplomas (AI, 2024)
- **Best Mentor Award** - Data Structures Program (2022)