

SAGEENA GARG

✉ sageenagarg0718@gmail.com | [in linkedin.com/in/sageena-garg-18july](https://www.linkedin.com/in/sageena-garg-18july) | github.com/SageGarg | sageena.com

EDUCATION

Iowa State University

Ames, IA — **GPA: 3.72**

Bachelor of Science in Computer Science

Aug 2023 - Dec 2026

Relevant Coursework: Data Structure & Algorithms, Advanced Programming Techniques, Software Development & Debugging, Computer Architecture, Discrete Mathematics, Linear Algebra, Database Systems

TECHNICAL SKILLS

Python, Java, TypeScript, JavaScript — React, Node.js, Express, Spring Boot, Flask, Android SDK, Firebase, LangChain, OpenCV, Tailwind, OCR MySQL, MongoDB, ChromaDB — AWS, REST APIs, Git, Vercel, Docker, Chart.js

EXPERIENCE

Data & Web Solutions Intern

Jul 2025 - Aug 2025

Netqom Software Pvt. Ltd.

Chandigarh, India

- Automated Upwork CSV cleaning with Python, reducing reporting time 75% (8 hrs → 2 hrs).
- Re-built dashboard to visualize proposal win rates, client revenue, and timelines, reducing bid response time by 15%.
- Designed Node.js/Express API with MongoDB for real-time tracking of 10+ projects.

Undergrad Research Assistant

Feb 2024 - Present

ISU Research Park

Ames, IA

- Designed a hybrid AI framework that integrated multiple models (OpenAI, Landing AI, and custom-built) to seamlessly interpret structured and unstructured data across PDFs, SQL datasets, and text documents.
- Developed end-to-end pipeline to automate data prep and model training, reducing project time by 40%.
- Developed regression models with R^2 /MSE metrics for performance benchmarking and predictive insights on large datasets.

Python Teaching Assistant

Dec 2023 - May 2024

Iowa State University

Ames, IA

- Led coding help sessions for 50+ students in Python, spreadsheets, and database design.
- Mentored students on programming logic, debugging, and project workflows, strengthening problem-solving skills.

PROJECTS

TravelMate | *Android Studio, Spring Boot, MySQL, Firebase, REST APIs* OCR

Jan 2025 - May 2025

- Built modular Android frontend with Fragments (Java/XML) for trip planning, chat, expenses, and document storage.
- Integrated REST APIs (Google Maps, Weather, OpenAI) and Firebase Realtime Database for geofencing alerts, real-time chat, and offline persistence.
- Designed OCR-powered QR wallet with MySQL, streamlining secure storage of tickets, reservations, and other documents.

TripAtlas | *React, Tailwind CSS, Node.js, Express, MongoDB, REST APIs, JWT*

Mar 2025 - May 2025

- Built full-stack features with React (frontend) and Node.js/Express + MongoDB (backend) to support Explore Destinations, user feedback, and attraction details.
- Integrated REST APIs (OpenWeatherMap) to provide real-time weather insights within trip planning workflows.
- Implemented JWT authentication, enabling secure login/signup and user-specific access.

SignalVerse | *Flask, LangChain, OpenAI, ChromaDB, MySQL, KeyBERT, Tailwind CSS*

Feb 2024 - May 2024

- Built full-stack platform with Flask, Tailwind/Bootstrap, and JavaScript for querying traffic signal manuals through an intuitive interface.
- Implemented RAG pipeline with LangChain, OpenAI Embeddings, and ChromaDB, achieving 92% accurate semantic search across technical documents.
- Enhanced retrieval precision using KeyBERT + MMR and designed a MySQL-backed feedback system to log queries and refine responses.

LEADERSHIP

Undergraduate Research Ambassador; TA, Calculus I & II – Mentored 80+ students, boosting outcomes by 15%
Industry Relations Chair, ISU Data Science Club – Built 5+ company partnerships, hosted 3 networking events (80+ attendees)