

Somya Garg

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PROFILE

Software Engineer with **1+** years of experience in **backend and full-stack development**. Built scalable REST APIs and web applications using **Python, Node.js, React.js** and **SQL** databases. Delivered **Gen AI-powered RAG systems** that reduced manual review effort by 90% and accelerated test cycles by 40%.

TECHNICAL SKILLS

Languages: Python, JavaScript, C/C++, Java, HTML, CSS

Frameworks & Libraries: FastAPI, Node.js, Express.js, React.js, Spring Boot

Gen AI & Data: LLMs, LangChain, LangGraph, AutoGen, PostgreSQL, MongoDB, Vector DBs

Tools & Cloud: Git/GitHub, Docker, CI/CD, AWS, Jira

WORK EXPERIENCE

Software Engineer I | HashedIn By Deloitte

July 2024 - Present

Bangalore, India

- Designed and deployed a full-stack Duplicate Claim Detection System using **LangChain** and **Streamlit** that converts insurance **SOPs** into **JSON / DMN**, automating the detection of claims as duplicate or bypass, thereby slashing manual review by **90%**.
- Led development of **HITL** and **self-reflective RAG** modules, saving **100+ manual hours** monthly for claims analysts and accelerating test cycles by **40%**.
- Instituted bi-weekly peer reviews and mentored 2 juniors on **stateful agent** design, improving story-point delivery from **14** to **18** points per sprint (+30%).
- Built scalable **Node.js** APIs for Autonomous Configuration System, integrating VM provisioning and **Oracle DB**, reducing client-side configuration turnaround from **24h** to **4h** and raising **CSAT** by **20%**.
- Contributed to the adoption of Agile methodologies within the team, reducing sprint feature delivery timing from **2 weeks** to **1.7 weeks**.

Software Engineer Intern | HashedIn By Deloitte

April 2024 – July 2024

Bangalore, India

- Developed a full-stack Employment Management System using **React.js** and **Spring Boot** with **JWT authentication** and role-based dashboards, integrated PostgreSQL via Hibernate and achieved **80%** unit-test coverage with **Jest**.
- Launched system to **50+** HR users, cutting average onboarding query volume by **35%** and reducing manual paperwork by **60%**.
- Completed a 3-month intensive training on multiple tech stacks and achieved a **top 5** ranking in the product month assessment.

EDUCATION

Bachelor of Technology in Computer Science and Engineering | **Dr. A.P.J. Abdul Kalam Technical University**

2020 – 2024

Ghaziabad, India | GPA: 9/10

Senior Secondary (CBSE – Class XII) | **S.D. Public School**

2019 – 2020

Muzaffarnagar, India | Scored: 96%

PROJECTS

DocuQuery – Smart Document Query System | *FastAPI, Python, Groq API, PostgreSQL*

[GitHub](#)

- Developed a multi-stage chatbot pipeline to parse documents, enrich queries via Google SERP, and generate context-aware responses using Groq LLMs, improving answer accuracy to over 90% through targeted prompt engineering and performance tuning.
- Integrated persistent session state and multi-turn chat using Streamlit and PostgreSQL, showcasing end-to-end LLM application.

Cinemic – Free Streaming Platform | *React.js, Redux, JavaScript, REST APIs*

[Live Link](#)

- Built a free streaming application ensuring cross-device compatibility and integrating the TMDB API for real-time updates.
- Implemented advanced search, filters, trailer modals, and server-side streaming support (3rd party).

ACHIEVEMENTS AND CERTIFICATIONS

AWS Certified Cloud Practitioner – Amazon Web Services, 2025 [\[Link\]](#)

IEEE Research Paper – Published [Email Classifier Using NLP and ML](#) in IEEE at 2024 1st International Conference on ACET.

Rising Star Award – Awarded to top 2% performers at HashedIn for accelerating delivery by 20%. [\[Link\]](#)