

# Sagar Dashrath Sangale

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## PROFILE SUMMARY

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Full Stack Developer with **5+ years of experience building scalable web applications** and recently focused on **AI powered systems and intelligent agents**.

Experienced in designing and developing end to end applications using **React.js, Next.js, Node.js, TypeScript, and modern databases**. Strong experience across the **complete software development lifecycle including requirement gathering, development, cloud deployment, CI/CD setup, and production support**.

Recently building **AI based applications using RAG, LLM APIs, and automation tools like n8n**, focusing on practical AI solutions such as **customer support agents and meeting summarization systems**.

Skilled at building reliable backend systems, scalable APIs, and responsive frontends while continuously exploring **AI, prompt engineering, and agent based architectures**.

## EDUCATION

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- M.Sc. Computer Science** – Savitribai Phule Pune University

## TECHNICAL SKILLS

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### Programming & Frameworks

JavaScript, Node.js, Express.js, Next.js, TypeScript, PHP, Laravel, CodeIgniter

### Frontend

React.js, Tailwind CSS, Material UI, Bootstrap, Kendo UI, HTML5, CSS3

### Backend & APIs

REST APIs, Third Party API Integration, Authentication Systems

### Databases

PostgreSQL, MongoDB, MySQL

### Cloud & DevOps

AWS, Azure (Basic), GitHub, CI/CD Pipelines, Linux Server Deployment

### AI & Automation

LLM APIs, RAG Architecture, Prompt Engineering, n8n Automation, AI Agents

### Tools

Git, GitHub, Postman, VS Code, JIRA, Confluence, Antigravity, Cursor.

## PROFESSIONAL EXPERIENCE

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Full Stack Developer

Anvayi Tech Labs Pvt Ltd

Apr 2020 – Jul 2025

Worked as a Full Stack Developer responsible for building and maintaining scalable web applications for telecom and SaaS platforms.

### Key Contributions

- Designed and developed **broadband service management systems** for provisioning, order tracking, billing, and promotions.
- Built scalable **REST APIs using Node.js and PostgreSQL** to support internal and customer facing platforms.
- Integrated multiple **third party services** that automated manual operations and improved operational efficiency by **80%**.
- Developed responsive **admin dashboards and customer portals** using React and Material UI.
- Improved application performance through **API optimization and frontend improvements**.
- Participated in the **complete development lifecycle including requirement analysis, development, deployment and bug fixing**.

## KEY PROJECTS

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### Broadband Service Management Platform

**Tech Stack:** React.js, Node.js, TypeScript, Material UI, PostgreSQL, REST APIs

- Developed a telecom service management system handling **customer provisioning, order tracking, and promotions, Network device automation**.
- Built backend services for **customer data management and service activation workflows**.
- Created secure dashboards for **internal teams and customer operations**.

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### Concert Booking Application

**Tech Stack:** React.js, .NET Core, MongoDB, Bootstrap

- Developed a ticket booking platform managing **artists, venues, tours, and ticket sales**.
- Integrated **Google Maps** to improve location discovery and travel planning.
- Built advanced UI features such as **sorting, filtering, and calendar based event display**.
- Implemented **data export and reporting features** for business insights.

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### Pharmacy Appointment Booking System

**Tech Stack:** React.js, .NET Core, MongoDB

- Built a portal for booking pharmacy appointments.
- Integrated **SMS and email notifications** for reminders and confirmations.
- Designed responsive UI for appointment scheduling and management.

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### E Commerce Platform – AutoSmartAustralia

**Tech Stack:** React.js, Node.js, Express.js, MySQL

- Developed an online platform for **vehicle cleaning product distribution**.
- Implemented product catalog management, order tracking, and territory based distribution.

## AI PROJECTS

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### AI Customer Support Agent (RAG Powered)

**Tech Stack:** React.js, Node.js, OpenAI, LLM API, RAG Architecture, Vector Embeddings, Prompt Engineering

**GitHub:** <https://github.com/Sagarsangale01/AI-Customer-Support-Agent-RAG-Powered->

Developed an AI-powered customer support assistant that answers user queries using **Retrieval Augmented Generation (RAG)** and a knowledge-base driven approach.

#### Key Contributions

- Built an intelligent support agent that retrieves relevant information from internal documents and generates accurate responses using LLM APIs.
- Implemented **document processing, chunking, and vector embeddings** to enable semantic search across knowledge base content.
- Designed a **context-aware query pipeline** that improves response accuracy by grounding answers in retrieved documents.
- Developed a conversational interface that handles customer queries in natural language.
- Demonstrated how AI can **automate customer support workflows and reduce manual response effort**.

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### Smart Meeting Summarizer AI

**Tech Stack:** React.js, Node.js, OpenAI, LLM API, RAG Architecture, Vector Embeddings, Prompt Engineering

**GitHub:** <https://github.com/Sagarsangale01/smart-meeting-summarizer-ai>

Built an AI powered system that converts meeting transcripts into **structured summaries including topics, key decisions, and action items**.

#### Key Contributions

- Developed an AI pipeline that processes raw meeting transcripts and generates **concise structured summaries using LLMs**.
- Implemented prompt engineering techniques to extract **key discussion points, decisions, and follow-up tasks**.
- Designed a dashboard to view meeting summaries and maintain contextual history across conversations.
- Improved productivity by enabling teams to quickly review meeting outcomes without reading full transcripts.
- Demonstrated practical use of **AI powered text analysis and summarization for business workflows**.

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## ADDITIONAL INFORMATION

- Experience working across **telecom, healthcare, travel, SaaS, and e-commerce systems**
- Hands on experience with **end to end application development**.
- Published **scientific research paper on medicinal plants** (Co-author)
- Continuously improving skills in **Python, Cloud Computing, DevOps, Artificial Intelligence, Agentic AI, and Prompt Engineering**.