

Deval Shah

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Aspiring Software Developer skilled in building scalable, user-centric applications, with a growing interest in Generative AI and Machine Learning. Familiar with the software development lifecycle (SDLC) and eager to contribute to innovative projects. Seeking a software development internship to apply skills and expand expertise in full stack development and emerging technologies.

EDUCATION

B.Tech in Computer Engineering

08/2023 – 06/2027

K J Somaiya Institute of Technology

Honours in Artificial Intelligence and Machine Learning & Minors in Innovation and Entrepreneurship

Relevant Coursework: Internet Programming (Elective), Data Structures & Algorithms & Analysis (DSA), Operating Systems (OS), Database Management Systems (DBMS), Computer Networks (CN), Theory of Computation (TCS)

TECHNICAL SKILLS

Programming & Web Development — Python, C++, C, CSS, HTML

Technologies Exposure (via projects) — Flask, Django, React.js, JavaScript, MySQL

Other — API Integration & RESTful API Consumption – including OpenAI GPT-3.5 Turbo, Google Gemini, Twilio

WORK EXPERIENCE

Somaiya Madhuban Resort

Present

Full-Stack Web Development Intern

- **Developing and optimizing the official website for Madhuban Resort (Somaiya Trust)**, aiming to increase direct bookings by approximately **40 to 60 percent** and reduce Online Travel Agencies commission costs.
- **Implementing SEO and streamlining booking flow**, targeting approximately **50 to 75 percent** boost in organic traffic and a **1.5x–2x** improvement in booking conversion rates.

NGC (Next Generation Community)

02/2025 – 07/2025

Web Development Intern

- **Developed** a React.js website with UI/UX designers and developers, using Git and GitHub for collaboration.
- **Wrote, debugged, and optimized** code for performance and maintainability.

PROJECTS

MediCare

02/2025

- **Developed** an **AI-powered health chatbot** using Azure OpenAI (GPT-3.5 Turbo) for **disease prediction & symptom analysis**, integrating Infermedica API for accurate preliminary diagnosis.
- **Implemented emergency classification & automated appointment booking**, enabling **real-time alerts** via Twilio API and deploying the system on Flask & Azure for scalability.

KJ-Connect

02/2025 – 05/2025

- Built a **real-time notification portal** with **Flask** and **React.js** for updates on **events**, and **notices**.
- Integrated an **AI chatbot** for **enhancing** campus communication and **real-time query resolution**.

PARTICIPATION

Extracurricular and Leadership Roles

Organized and managed hackathons & bootcamps as a Full Stack Developer, **Marketing Lead (Subcore)** for Society for Data Science (**S4DS**), and **Hackathon Coordinator** in Computer Society of India (**CSI**) and Institute's Innovation Council (**IIC**). Contributed to events including a 36-hour and a 24-hour hackathon, **React & Flutter Bootcamps**, and **entrepreneurial workshops**, while **developing the official committees' websites**.

Hackathons and Workshops

Developed "Piyu" – a Generative AI app using **GUVI's RAG-AI model** in the **SAWIT.AI Learnathon** , and gained hands-on experience in **data analytics (Pandas, NumPy, Matplotlib, Seaborn)** at **Datatrek**.