

Sahil Dhameja

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TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, C/C++, SQL
Frontend: React, Next.js, Redux Toolkit, HTML5, CSS3, Tailwind CSS, Bootstrap
Backend: Node.js, Express.js, Django REST Framework, RESTful APIs
Databases: PostgreSQL, MySQL, MongoDB, Redis
Tools & Platforms: Git/GitHub, Docker, Postman, Celery, Scrappy, WebSockets, Socket.io
CS Fundamentals: Object-Oriented Programming, Data Structures & Algorithms, Database Management Systems, Operating Systems

EXPERIENCE

Associate Software Developer, ASQI (FarmApp) January 2025 – Present

Tech Stack: React, Python, Django REST Framework, PostgreSQL, Redis, Celery, Docker

- Developed **subscription-based weather alert system** delivering forecasts to **5,000 users** in **8 languages**.
- Automated alerts** using **Celery**, **Scrappy**, and **webhooks**, integrated with **WhatsApp messaging**.
- Improved **database performance by 40%** by resolving **N+1 query** issues in PostgreSQL.
- Designed a **web crawler** using **Scrappy** to extract over **30,000 soil health records** from government portal.
- Developed **automated weekly admin reports** with usage analytics, delivered as PDFs via email.

Full Stack Developer Intern, ASQI (FarmApp) July 2024 – December 2024

Tech Stack: React, Python, Django REST Framework, PostgreSQL

- Implemented **soft delete** and **password reset features**, reducing account **recovery time by 50%**.
- Developed farmer onboarding, profile management, transfer features, and **role-based access control**.
- Created a biochar interest **management dashboard** with filtering, sorting, and status tracking.

PROJECTS

Talksy – Real-Time Social Video Platform *Github | Live*

- Developed a **Social Video Platform** with **authentication**, **friend requests**, **threads and replies**, **real-time messaging**, **status tracking**, **video calls**, file sharing, profile management, and **32 customizable themes**.
- Scaled real-time messaging with **pub/sub architecture**, supporting over 10,000 concurrent users.
- Implemented **real-time AI-powered chat** with context-aware responses.
- Tech Stack:** WebSockets, Redis, Node.js, Express, Tailwind CSS, React.

Shopper – Chrome Extension *Github*

- Developed a **Chrome Extension** to analyze Amazon cart items and provide **AI-powered** recommendations for **cost-effective** or **higher-quality product alternatives** with product images, prices, and URLs.
- Tech Stack:** HTML, CSS, JavaScript.

DailyDoseBlog *Github | Live*

- Built a responsive blog platform with **JWT-based authentication** and **Google Sign-In**.
- Added likes, dislikes, comments to enhance **user engagement** with file upload functionality.
- Implemented **role-based access control**, **Stripe payment**, **PersistLogin** for improved user experience.
- Tech Stack:** HTML, CSS, Bootstrap, React, Node.js, Express, MongoDB.

EDUCATION

Sardar Vallabhbhai National Institute of Technology, Surat 2021 - 2025
Bachelor of Technology *CGPA: 8.19/10*

Vidyadhish Vidyasankul, Bhavnagar 2021
12th *Percentage: 90%*

ACHIEVEMENTS

- Solved over **750 LeetCode** problems with a highest contest **rating of 1807** (top 7.63% globally).
- Achieved global rankings of **881**, **1099**, and **2122** in **LeetCode** Contests.