

# SAURABH SAXENA

## SENIOR SOFTWARE ENGINEER

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📍 Bangalore, India

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### SUMMARY

Practical Software Engineer with 6+ years of experience in Python Web Application Development. I have collaborated with diverse organizations, applying a real-world approach to deliver optimized, innovative solutions aligned with business objectives. Skilled at transforming complex requirements into effective results, I excel under pressure and am recognized for my analytical abilities and leadership skills, which drive team performance and project success.

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### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer, SmartQ - Compass Group Company

Mar 2025 - Present

📍 Bengaluru, Karnataka

- Working on a food court meal combos & upselling feature that is used across thousands of food courts in the United Kingdom by multiple clients of **Compass Group** for **Time2Eat** application.
- Working on internal ETL pipelines and data warehouse to provide data insights in real time.
- Mixpanel Implementation for analyzing user lifecycle in the application.
- Developed complex analytical SQL queries in Google BigQuery to process large-scale transactional datasets for financial reporting, audit validation, and operational insights.
- Designed and maintained real-time backend services using Firebase and Cloud Firestore to support low-latency application features and dynamic data synchronization.
- Developed and optimized RESTful APIs for mobile apps, POS systems, and web dashboards enabling high-volume order processing and real-time transaction handling.

#### SDE-2, Thesquare Serviced Apartments

Feb 2020 - Mar 2025

📍 New Delhi

- Developed Property Management System (PMS) from scratch for internal use and later commercialized, this software helps manage the operations of a hotel or vacation rentals. As of November 2024 this software is being used by 30+ hotels in 14 different countries on yearly subscription model.
- Integrated multiple APIs such as Stripe, Sendgrid, VRBO, Keynest, Nuki, PriceLabs, Channex etc
- Developed various internal applications to enhance guest experiences and improve team efficiency. Some of these are highlighted below:
  - Cases & Maintenance module - An app connecting guests, apartment suppliers, and housekeeping teams to manage guest issues and escalations.
  - Internal Ticketing System - Enables internal teams to create and manage tickets, including recurring tasks, improving resolution times and accountability. Integrated with Google Pub-Sub to automatically convert guest emails into tickets.
  - Concierge App - Allows guests to request services directly through a mobile app.
  - Inspection Module - Supports pre-check-in and post-checkout inspections, enhancing security and reducing unnecessary claims.
  - Property Electricity - Fair Usage Policy - For apartments with smart meters in London, daily usage data is shared on a self-hosted FTP server. The system analyzes this data for anomalies, notifying guests if necessary.
  - London Demand Analysis Module - Leverages historical booking and inquiry data to recommend optimal postal codes in London for leasing or purchasing new units.
  - Warehouse App - A warehouse management application enabling the housekeeping team to efficiently manage inventory across hundreds of apartments in London.

## Python Developer, Creatosaurus Pvt Ltd.

Jun 2019 - Jan 2020

📍 Pune, Maharashtra

- Designed a module that allows users to schedule posts across multiple social media accounts simultaneously.
- Worked on APIs of Facebook, X (formerly Twitter), Linked In, Instagram and Pinterest
- React Native Applications for multiple clients with Django in back-end.

### SKILLS

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|--------------|-------------------------|------------------------------|
| • Python     | • Flask                 | • REST API                   |
| • Big Query  | • Django                | • NoSQL - Google Datastore   |
| • JavaScript | • Jinja2                | • SQL - PostgreSQL, MySQL    |
| • HTMS & CSS | • Google Cloud Platform | • Software Sequence Diagrams |

### EDUCATION

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**Bachelor of Computer Engineering** 2015 - 2019

Smt. Kashibai Navale College Of Engineering affiliated to Savitribai Phule Pune University

**Intermediate (12th Standard)** Year - 2015

from Sanatan Dharam Public School, Punjabi Bagh, New Delhi - C.B.S.E. Board

**Matriculation (10th Standard)** Year - 2013

from Sanatan Dharam Public School, Punjabi Bagh, New Delhi - C.B.S.E. Board

### ADDITIONAL INFORMATION

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#### Languages:

- English, Hindi

#### Awards/Activities:

- Rising Star - Certificate of Achievement - SmartQ - Compass Group in October 2025
- Employee of the Month - TheSquare Ltd in December 2023
- Attended WTM London to meet business partners and potential clients in November 2023
- Employee of the Month - Thesquare Ltd in November 2020
- Tech Mahindra - Innovate with Mahindra Winner - 1st Position (Team) in 2018
- Hall of Fame - For finding XSS vulnerability in Deutsch Telekom website in 2018
- Intel Security - 3x Certificate Of Acknowledgement - Reported data disclosure in 2017

### DECLARATION

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I, Saurabh Saxena, hereby declare that all the details furnished above are true to the best of my knowledge.

Place: Bengaluru, Karnataka

Date: 26 March 2026