

PROGRAMMING SKILLS

- **Languages/Frameworks:** Python, SQL, Django, Django Rest Framework.
- **Backend:** PostgreSQL, Celery, Redis, RabbitMQ, AMQP.
- **Tools/Testing/Others:** Git, Trello, BitBucket, Reportlab, Problem Solving.

EXPERIENCE

- **SafEarth Clean Technologies, Bangalore** Bangalore, India
Feb 2022 - Present
 - Developed a full-stack **solar installation platform** which includes a **marketplace** for selecting vendors via reverse auction, tracking solar installations using a **project management tool**, and generating reports for each module.
 - Enhanced the project management tool by adding features for tracking **inventory** and **documents**, allowing users to view the entire workflow on a single dashboard.
 - Generated **reports** for each module using **ReportLab** and **XlsxWriter**.
 - Developed a custom **single sign-on** solution for user sign-in/sign-up across different platforms.
 - Secured seed round funding of **3.5 crores** and generated revenue of **50 crores** upon completion of the full-stack development.
- **Designistic** Punjab, India
Feb 2021 - Feb 2022
 - Developed full-stack websites for clients using **React** and **Django** like. **portfolios, football team management** etc.
 - I used tools like **figma, adobe xd** and deployed website on **Digital Ocean and AWS**.
- **SafeAeon Inc** Mohali, India
Aug 2021 - Dec 2021
 - Monitored and **analyzed security events** to detect and respond to potential threats, ensuring rapid incident resolution and minimizing impact on operations.
 - Conducted real-time threat analysis and incident response, utilizing advanced tools like **QRadar, kibana, Sentinelone** etc. and threat intelligence to safeguard organizational assets and maintain system integrity.
 - I am the first who **automate** the daily and monthly reports using **python, selenium, xlsxwriter**, significantly reducing manual efforts and saving **hundreds of hours** for my colleagues.

PROJECTS

- **Jameendar:**
 - Developed a **Property Renting** website where users can list and rent buildings, flats, villas, and PG accommodations.
 - Implemented tiered rental plans such as **Bronze, Silver, Platinum, and Gold**, each offering distinct features. Integrated **Razorpay** for payment processing.

PORTFOLIO

- **Github:** <https://github.com/karan-ksrk>
- **Medium:** <https://ksrk.medium.com/>
- **Hackerrank:** <https://www.hackerrank.com/profile/karanksrk2000>

EDUCATION

- **Guru Nanak Dev Engineering College** Ludhiana, Punjab
July. 2017- June. 2021
 - *Bachelors in Information Technology; CGPA: 8.29*