

# SANYAM ATREYA

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## Education

**Hindustan College of Science and Technology**

*Bachelor of Science in Computer Science*

**July 2016 – Oct 2020**

*India*

## Experience

**XTEN-AV LLC**

*Software Engineer*

**June 2021 – Present**

*New Delhi, India*

- Refactored an outdated codebase by restructuring and optimizing the code, minimizing scripts, optimizing images, leveraging browser caching, and reducing server response times. This led to a 40% reduction in load time and improved overall application performance, as evidenced by higher Lighthouse and PageSpeed scores.
- Designed and maintained RESTful APIs using Python and Django. Developed specifications for third-party and internal integrations, implemented authentication and authorization mechanisms for secure access.
- Implemented advanced security measures, including encryption for data protection and regular vulnerability assessments to identify and fix security issues. These actions resulted in a 50% reduction in security incidents.

**XTEN-AV LLC**

*Software Engineer Intern*

**June 2020 – Dec 2020**

*New Delhi, India*

- Collaborated with front-end developers to integrate back-end functionality using REST APIs and AJAX, ensuring real-time interactions and optimizing performance and security.

## Projects

**X-Pro** | *Python, Django, ReactJS, JavaScript, PostgreSQL*

**December 2024**

- Built real-time task management tools for installation and service technicians, enabling remote scheduling, field data capture (e.g., serial numbers, site photos), and automatic updates to project documents such as drawings, bills of materials, and work orders.
- Managed end-to-end project lifecycle, including generating accurate proposals, drawings, and purchase orders based on manufacturer specifications, with automated status updates to track project progress.
- Enhanced user experience through optimized project management and task-tracking features, contributing to increased user engagement and boosting Monthly Recurring Revenue (MRR).

**Super Proposal** | *Python, Django, ReactJS, JavaScript, PostgreSQL*

**April 2024**

- Designed and developed Super Proposal, a B2B proposal management tool, enabling users to create, edit, and manage proposals. Built server-side logic with Django and Python, and ensured data integrity using PostgreSQL.
- Implemented end-to-end proposal lifecycle management, including creation, editing, tracking, organization, and archiving, improving document accessibility and handling efficiency.
- Enhanced user interaction by designing a responsive and dynamic front end using ReactJS and JavaScript. Focused on building intuitive components, implementing optimized rendering techniques, and ensuring seamless functionality across devices to deliver a smooth user experience.

**Integrations and Social Sign-Up** | *Zoho API, Salesforce API, Google API*

**May 2023**

- Enhanced platform capabilities by implementing integrations with Zoho and Salesforce, streamlining data synchronization and user interactions with external CRM systems.
- **API Integrations:** Developed and integrated APIs for Zoho and Salesforce to enable seamless data synchronization and interaction with external CRM systems. Utilized RESTful API principles and followed best practices in API design to ensure robust, scalable, and efficient integrations.
- **Social Sign-Up:** Implemented social media login options, including Google and LinkedIn, simplifying the registration and login process for users and improving onboarding efficiency.

**Pricing Table** | *Javascript, jQuery, Bootstrap*

**July 2022**

- Developed an interactive pricing table used by 80% of users in their proposals, allowing them to customize billing structures with flexible options for columns, rows, appearance, and discounts. Ensured a responsive and dynamic UI with Bootstrap for a seamless user experience across devices.
- Implemented real-time calculations for total updates, tax, and discounts using JavaScript and jQuery, ensuring immediate reflection of user adjustments.

## SKILLS

**Programming Languages :** Python, JavaScript, C++, SQL (PostgreSQL), React.js, Vue.js, Bootstrap, and Django

**Data Libraries :** Celery, Pandas, Numpy, DataTables, BeautifulSoup

**Developer Tools :** AWS, GitHub, Bitbucket, Jira, Git, Postman, PyCharm