

AKSHIT SOLANKI

Python Developer | Backend Developer

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Professional Summary

Experienced Python developer with 3+ years of hands-on experience in designing, developing, and maintaining robust web applications. Proficient in utilizing Python frameworks such as Flask to deliver high-quality, scalable solutions. Passionate about staying updated with the latest technologies and continuously enhancing skills to tackle new challenges. A problem-solver with excellent collaboration skills, committed to delivering excellence in every project.

Professional Attributes

- Innovative Problem Solver: Thrive on tackling technical challenges with creative engineering solutions.
- Agile Learner: Passionate about AI, ML, NLP, and staying updated with emerging technologies.
- Collaborative Communicator: Excel in cross-functional teams, bridging technical and business needs.
- Detail-Oriented & Process-Driven: Ensuring high-quality code, performance optimization, and scalability.
- Adaptable & Continuous Learner: Quickly grasp new technologies and methodologies to drive innovation.

Technical Proficiencies

- Languages:** Python, JavaScript
- Web Frameworks:** Flask, FastAPI
- Frontend:** React Native, jQuery, HTML5/CSS3
- Databases:** MongoDB, MySQL, Elasticsearch, Amazon RDS
- Cloud & DevOps:** AWS, Docker, Jenkins, Git
- Testing & Monitoring:** AWS CloudWatch, Postman
- Methodologies:** REST API Design, Microservices, CI/CD
- Data Processing & ETL** Pandas, Numpy, beautifulsoup4, Selenium, Excel

Professional Experience

Python Developer | Square Yards, Delhi

August 2021 – Present

- Led backend development for the flagship property portal serving 5M+ monthly users
- Architected Blueprint-based Flask microservices, reducing API response times by 35%
- Pioneered Elasticsearch optimization strategy, improving search relevance scores by 42%
- Designed AWS S3 migration plan, decreasing media delivery costs by \$8k/month
- Mentored 3 junior developers in Python best practices and code review processes
- Implemented CI/CD pipeline using Jenkins and Docker, reducing deployment errors by 60%

Key Projects

squareyards.ca (Property Portal)

- Built a scalable backend using Flask and MongoDB, efficiently handling 5000+ daily users and reducing server response time by 30%.
- Implemented AWS S3 for asset management, optimizing media storage and reducing page load time by 20%.
- Optimized Elasticsearch indexing, enhancing search speed and accuracy by 40%.

stage-cms.squareyards.ca (Internal Project)

- Designed and managed a Listings Database that streamlined property data handling, reducing query execution time by 35%.
- Developed lead tracking functionalities, increasing conversion tracking efficiency by 50%.
- Built an intuitive CMS interface that enabled the SEO team to make real-time updates, boosting content deployment speed by 60%.
- Enhanced Elasticsearch integration, improving content search relevance and reducing indexing time by 25%.

Makaan Mitra Mobile Application (In Progress)

- Developing a mobile platform for property and rental management, improving listing accessibility.
- Implemented backend APIs with FastAPI and MySQL, reducing data retrieval time by 40%.
- Integrated React Native for a seamless cross-platform experience, enhancing user engagement and interface responsiveness.

Education

Master of Computer Applications

Uttarakhand Technical University | 2019–2021

- GPA: 7.5/10 (Top 15% of cohort)
- Built a project on Spotify Clone

Bachelor of Computer Applications

Sri Dev Suman University | 2016–2019

- Coursework: Advanced Algorithms, Distributed Systems, DBMS
- Led university coding competition team to 2nd place finish

Certifications & Awards

Certifications

- AWS Certified Cloud Practitioner (2025)
- What is Generative AI? (2025)
- 2 Hours webinar on DS vs ML vs AI (2025)

Awards

- Square Yards Star Performer 2022
- Square Yards Employee Appreciation Award 2024