

# Atharva Shah

SOFTWARE ENGINEER · PYTHON EXPERT

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*“Results-driven software engineer skilled in Python, REST APIs, full-stack development, databases, CLI tools, DevOps, and diverse Python libraries. Expert in Full-Stack Django/API development with a flair in data science, utilizing modern tech stacks to drive organizational success. Passionate about innovation and delivering cutting-edge technology for a significant impact in the field of computer science.”*

## Work Experience

### AccuKnox

Remote

SOLUTIONS ENGINEER

May 2023 - Present

- Drove a 20% surge in audience engagement through planned content creation on CNAPP, Zero Trust, Cloud Security, and LLM. Proven success metrics include increased website traffic, amplified social media interactions, and positive user feedback. Worked with G Suite, Excalidraw, PlantUML, and g WordPress. Implemented impactful website debugging strategies, slashing error rates by 25% for smoother UX in Django apps.

### TutorialsPoint

Remote

TECHNICAL CONTENT WRITER

Mar 2023 - Aug 2023

- Published 90+ Python articles, showcasing Django, web scraping, and data visualization expertise. Achieved 100K+ views. Quantified success with increased website traffic, user comments, and SEO best practices. Strategically scripted Django-based algorithms for Server Side Programming, Web Scraping, and Automation, adhering to industry best practices.

### Board Infinity

Remote

TECHNICAL SPECIALIST

Sep. 2022 - Jan. 2023

- Drove a 30% surge in user engagement by publishing 150+ tutorials on software development, emphasizing Django, Python, and API best practices. Quantified success with increased forum activity, positive user feedback, and enhanced SEO rankings for Django and Python content. Implemented best practices for 150+ course descriptions, ensuring a clear and concise representation in Django, Python, and related technologies.

## Honors & Awards

2023 **WINNER**, CRIF India Hackathon by Mindspark

COEP, Pune

2020 **RUNNER-UP**, National Cyber Olympiad in IT and Programming

PAI IT, Pune

## Education

### Sardar Patel Institute of Technology

Mumbai

MASTERS IN COMPUTER APPLICATIONS

Aug. 2023 - Present

- Participated in 5+ Hackathons, created 4+ fullstack projects for MCA department, won inter-collegiate level CS competitions. GPA - 9.5

### Brihan Maharashtra College of Commerce

Pune

BACHELOR IN COMPUTER APPLICATIONS

Aug. 2020 - Apr 2023

- Spearheaded Google Cloud Platform training for 400+ students covering DevOps, Cloud Safety, Kubernetes, and Cloud Scaling. GPA - 9.7

### Ferguson College

Pune

12TH GRADE (PHYSICS, CHEMISTRY, MATHS, CS)

Aug. 2018 - Apr 2020

- Secured first place in every academic year with an exceptional GPA - 9.8.

## Projects

### What You Doin' Right Now (Social Network with Entertainment Media Cataloging)

3 Months

**SKILLS:** PYTHON, PHP, MYSQL, JQUERY, APIS(TMDB, GOOGLEBOOKS, RAWG, LAST.FM) PANDAS, HTML, CSS, JAVASCRIPT, GIT,

- Developed a secure social networking site with authentication, media tracking, badges, import-export, diary, feed, and mutual media showcase. Led a team of 6 as Agile Scrum Master, overseeing the entire project life cycle, including debugging, security, system design, API requests, and report generation for Movies, TV Shows, Video Games, Books, and Music.

### VocabCLI (Text Processing, Word Store and NLP Command Line Interface)

2 Months

**SKILLS:** PYTHON, SQLITE3, MATPLOTLIB, SEABORN, SPACy, NLP, BEAUTIFULSOUP, TENSORFLOW, TYPER, PYTEST

- Built an advanced, user-friendly command line interface with features like dictionary lookups, vocabulary-building tools, richly marked quote books, graph reporting, flashcard study, and NLP. Implemented using Tensorflow, SpaCy, and Typer, it achieved a remarkable 95% unit test coverage with Pytest. Ensured reliability and functionality through stress and benchmark tests. Packaged the CLI for easy setup and use, accompanied by well-documented user manuals generated with Sphinx.

## FoodOnline (Django Multi Vendor Restaurant Web-App)

4 Months

**SKILLS:** PYTHON, DJANGO, POSTGRES SQL, GEOLOCATION AND PAYPAL API, JAVASCRIPT, AWS, HTML, BOOTSTRAPCSS, AJAX, UBUNTU

- Built and deployed a comprehensive multi-vendor platform using Python and Django, featuring vendor registration, authentication, marketplace, location-based search, payment gateway integration, order management, menu builder, cart management, dynamic business hours, tax modules, and email templates. Configured PostgreSQL, conducted end-to-end testing, and successfully pushed to production.

## Certification

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- Google IT Support Specialization
- Google Cloud Facilitator
- Stanford Machine Learning
- Neural Network and Deep Learning
- Michigan University - Python Capstone
- JavaScript Data Structures Algorithms