

Atharva Shah

SOFTWARE ENGINEER · PYTHON EXPERT

Pune, IN

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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

Board Infinity

Mumbai (Remote)

TECHNICAL SPECIALIST

Sep. 2022 - Dec. 2022

- Researched and published over 150 technical articles on various software development topics, with a focus on DSA in Python
- Solved forum questions with well-organized answers and examples. Improved onboarding by implementing bestpractices and SEO.
- Developed comprehensive descriptions for over 150 video courses in key computer science topics, including DBMS, Operating Systems, Data Science, Computer Networking, and Algorithms in Python

Honors & Awards

HACKATHONS, OLYMPIADS, CTFs AND OTHER NOTABLE AWARDS

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

COEP, Pune

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

PAI IT, Pune

Education

BMCC, Pune (under SPPU)

Pune

BACHELOR IN COMPUTER APPLICATIONS

Aug. 2020 - Apr 2023

- Achieved prize for securing first place in every academic year with an exceptional grade point average in CS department.
- Organized coding events and crafted debugging and system design questions for junior participants and volunteers.
- Led 400 students from various colleges in Google Cloud Platform training involving 4 tracks - DevOps, Cloud Safety, Creating and Deploying apps in the cloud, Kubernetes Engine, Scaling and Data Management on the Cloud.

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,

- Built a secure social networking site with authentication and verification, featuring personal media tracking with stats, badges, import-export, diary, feed, mutual media showcase and an admin panel for Movies, TV Shows, Video Games, Books, and Music.
- Led a team of 6 as an Agile Scrum Master and handled project life cycle including debugging, security, system design, API requests, and report generation to ensure successful project builds.

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

2 Months

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

- Developed a comprehensive and user-friendly command line interface allowing dictionary lookups, powerful vocabulary-building capabilities, quote book with rich markup, graph reporting, flashcard study, and NLP. Utilized Tensorflow and SpaCy for utility functions and Typer for quizzes and revision, right within the terminal.
- Achieved 95% unit test coverage with Pytest. Conducted stress and benchmark tests to ensure reliability and functionality.
- Used Sphinx to generate well-documented user manuals and packaged the CLI for easy setup and use.

FoodOnline (Django Multi Vendor Restaurant Web-App)

4 Months

SKILLS: PYTHON, DJANGO, POSTGRESQL, GEOLOCATION AND PAYPAL API, JAVASCRIPT, AWS, HTML, BOOTSTRAPCSS, AJAX, UBUNTU

- Deployed a multi-vendor platform using Python and Django Framework with vendor registration, authentication, marketplace, location based search, payment gateway integration and order management.
- Implemented menu builder, cart management, dynamic business hours, tax modules, and email templates.
- Configured PostgreSQL and pushed to production, ensuring successful deployment in a real world use case with end-to-end testing.

Certification

• Google IT Support Specialization • Google Cloud Facilitator • Stanford Machine Learning

• Neural Network and Deep Learning • Michigan University - Python Capstone • JavaScript Data Structures Algorithms