

Moin Palekar

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EDUCATION

Arizona State University

Master of Science, Computer Science

Tempe, AZ

Aug 2025 – May 2027 (Expected)

Pune Institute of Computer Technology, SPPU

Bachelor of Engineering, Information Technology

Pune, India

2021 – 2025

WORK EXPERIENCE

Xebia

SDE Intern

Pune, India

Feb 2024 – Apr 2024

- Built a real-time social media analytics platform ingesting ~12K–15K tweets/day about a client's product, surfacing sentiment insights through internal dashboards.
- Developed Python and Node.js services with SQL queries to process tweet text, compute sentiment metrics, and serve aggregated results at ~200ms response times.
- Implemented validation and integration tests in the ingestion pipeline, keeping >99.5% of records clean and preventing malformed data from propagating downstream.
- Maintained Docker-based CI/CD workflows and added structured logging and monitoring to speed up debugging of pipeline failures.

Arizona State University

Course Grader (GCU 113)

Tempe, AZ

Sep 2025 – May 2026

- Evaluated 200+ undergraduate essays per session, ensuring consistency and accuracy in applying grading rubrics.
- Coordinated with faculty to maintain grading standards and meet submission timelines.

PROJECTS

Personal Website — moinpalekar.com

Full-Stack Web Application (Next.js, Express, MongoDB)

github.com/Moin-Palekar/personal-website

Jan 2026 – May 2026

- Built and deployed a production full-stack website end-to-end: Next.js 16/TypeScript frontend on Vercel, Node.js/Express REST API on Render, MongoDB Atlas database, and a custom domain via Cloudflare DNS with automatic SSL.
- Implemented JWT authentication with bcrypt password hashing and Express middleware protecting all write routes (POST/PUT/DELETE), with 7-day token expiry.
- Designed a blog system with full CRUD via REST endpoints, dynamic routing, and server-side data fetching for live content.
- Built a public contact/messaging system with backend email validation and a JWT-protected private dashboard for reading messages.
- Set up CI/CD with auto-deploys on every push to main across both platforms, managing environment variables and secrets outside the repo.

SKILLS AND TOOLS

Languages: Python, JavaScript, TypeScript, SQL, C++

Frameworks & Libraries: Node.js, Express.js, React, Next.js, REST APIs

Tools & Platforms: Git, Docker, AWS, Linux, CI/CD, MongoDB, SQLite, Vercel, LLM APIs