

Jeet Shah

Software Engineer

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Education

Columbia University

Sep 2026 – Expected Dec 2027

M.S. Computer Science, Network Systems Pathway · New York, NY

Current coursework: Operating Systems I, Computer Networks, Analysis of Algorithms.

FLAME University

Aug 2021 – May 2025

B.Sc. (Hons.) Computer Science; PG Diploma in Interdisciplinary Studies · Pune, India

CGPA: 8.9/10; merit scholarships covering 25% (2021–2024) and 60% (2024–2025) of tuition.

Selected completed coursework: Advanced Database Systems, Distributed Systems, Principles of Programming Languages, Applied Formal Methods.

Engineering Experience

Elevate Fitness

Dec 2025 – Aug 2026

Software Engineer (Part-time)

- Built and maintained Movynn, a React Native/Expo fitness app backed by Convex and published on the Apple App Store and the Google Play Store in India.
- Implemented native Apple Sign-In with nonce verification and secure session recovery.
- Built multi-ticket booking and Razorpay payment reconciliation, requiring server-confirmed capture before fulfillment.
- Added account deletion, pseudonymization, automated app/backend tests, CI checks, and release documentation.

Voltek AI

Oct 2024 – Aug 2026

Software Engineer (Part-time)

- Led frontend development for an internal battery-research platform serving 10–100 [Nanoloy](#) users.
- Replaced join-heavy process storage with three indexed PostgreSQL tables, transactional writes, and validated backfills; reduced observed query latency from 3–20 seconds to under 500 ms.
- Built a Next.js research assistant with four model providers, document retrieval, web search, citations, streamed responses, and chat history.
- Co-maintained NDAX and Neware ingestion pipelines with file reconciliation and defensive parsing.

Selected Projects

Nilakan Programming Language

[Documentation & Playground](#)

- Implement Nilakan with Prajas Naik; language fundamentals designed by Prof. Aamod Sane.
- Implement the parser, static checks, interpreter, runtime diagnostics, CLI, documentation, and browser playground using TypeScript, Chevrotain, Monaco, and Playwright.

Ladybird Browser Contribution

[Merged upstream](#)

- Added an “Open Link in New Window” context-menu action across LibWebView, Qt, and AppKit using C++ and Objective-C++.

Jyeshthanubandh

[Google Play](#)

- Contributed Firebase phone authentication, React Native integration, Android builds, and release fixes to a senior-citizen safety app developed with FLAME University and Pimpri-Chinchwad Police.

Research Experience

Centre for Interdisciplinary AI, FLAME University

Jan 2024 – May 2025

Research Assistant

- Co-developed ConvGRU, conditional-GAN, and ConvLSTM training pipelines and satellite-data tooling; administered a multi-user GPU server with isolated training environments.

Leadership

DotSlash FLAME

President, 2023–2024; Treasurer, 2024–2025

Organized programming workshops and student events with more than 30 attendees.

Technical Skills

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

Application and data: React, React Native, Next.js, Expo, FastAPI, PostgreSQL, Convex, SQLite.

Systems and tooling: Linux, Docker, Git, GitHub Actions, TCP, HTTP/1.1, TensorFlow/Keras.