

Arin Prajapati

SOFTWARE ENGINEER ■ BACKEND ■ APPLIED AI ■ AUTOMATION

Mumbai, India | +91 90040 05648 | hi@arinprajapati.com

linkedin.com/in/arin-prajapati | github.com/ArinPrajapati | arinprajapati.com

Summary

Software engineer building backend systems, automation platforms, AI product features, and large-scale training-data infrastructure. Hands-on ownership across Node.js, Python, MongoDB, Docker, asynchronous workers, WebSockets, browser automation, and LLM tool orchestration, with production datasets and workflows operating at hundreds-of-gigabytes scale.

Experience

Pinsaar Software Technologies Pvt. Ltd.

Software Engineer

Mumbai, India
Mar 2026 – Present

- Designed and built a Docker-based repository execution pipeline that replayed commit histories, ran projects, and captured terminal/test output; processed approximately **2,000 repositories** into **100 GB** of structured training data in roughly **12 hours**.
- Built a concurrent PDF/EPUB pipeline for **200–250 GB** of books, producing page images, rich text, layout metadata, and bounding boxes; added pixel-level validation and selective retries to recover approximately **2%** corrupted renders without rerunning the full pipeline.
- Delivered a permission-controlled, tool-using AI-agent pilot in approximately **two weeks**, implementing multi-step tool orchestration, REST APIs, MongoDB persistence, conversation state, a SolidJS chat UI, automated tests, and deployment.
- Cut large-account QuickBooks synchronization from **5–8 minutes to 1–2 minutes** and redesigned scan-result storage around shared entities and option sets, reducing representative output from **70–78 MB to approximately 15 MB**.

Full Stack Engineer Intern

Aug 2025 – Feb 2026

- Architected the asynchronous scan engine for an AI-powered accounting SaaS, modeling interlinked entities and orchestrating **30–40+ detectors** with workers, fixer workflows, and WebSocket progress; supported scans surfacing up to **20,000 issues**.
- Developed and shipped a Chrome-extension system for authenticated QuickBooks/Xero workflows, extracting data unavailable through public APIs and applying approved fixes with resilient navigation and interaction fallbacks.
- Built responsive SolidJS SPAs and contributed across monolithic and modular Node.js backends, AI-powered financial-cleanup workflows, debugging and refactoring with LLM-assisted developer tools, and Docker-based environments and deployment support.

Banao Technology

MERN Intern

Remote
Jan 2024 – Sep 2024

- Developed Node.js REST APIs and reusable TypeScript Serverless Framework configuration for an AWS Lambda and DynamoDB procurement platform with multi-stage approval workflows.
- Built role-specific React dashboards with Redux/RTK Query and stabilized an inherited hotel platform, including its CSV bulk-import workflow and related APIs.

Technical Skills

Core Languages:	JavaScript, TypeScript, Python, Go, Java
Backend / Data:	Node.js, Express.js, Spring Boot, REST APIs, MongoDB, PostgreSQL, DynamoDB, workers/queues, WebSockets
AI / Automation:	LLM orchestration, tool calling, agent workflows, Playwright, Chrome extensions
Platforms / UI:	Docker, AWS Lambda, Serverless Framework, React, SolidJS, Git, CI/CD

Education

Vivekanand Education Society's Institute of Technology

Master of Computer Applications (MCA)

Jun 2026

Sahyog College of IT and Management

Bachelor of Computer Applications (BCA)

Aug 2021 – May 2024