

Pranith Molakalapalli

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EDUCATION

Arizona State University

Bachelor of Science in Data Science

Data Structures and Algorithms, Discrete Math, Statistical Modeling and Machine Learning, Distributed Software Development.

April 2027

Tempe, AZ

TECHNICAL SKILLS

Languages: Java, Python, Typescript, Javascript, Rust, Powershell

Development: Next.js, React, HTML5, CSS, Tailwind CSS, Cypress, Git, Jest, Mockito

DB & Backend Technologies: Node.js, MongoDB, PostgreSQL, Prisma, SQL, Express.js

EXPERIENCE

Software Engineer

Wells Fargo

June 2025 – August 2025

Minneapolis, MN

- Engineered **Spring Boot** API endpoints and React dashboard components, leveraging **MongoDB** and **Kafka** to enhance real-time data processing and reduce API response time by **15%**.
- Automated testing with **Jest, Playwright, and Mockito**, achieving **90%+** test coverage and reducing production bugs by **20%** through robust end-to-end pipelines.
- Created **Power BI** dashboards using MongoDB data, improving data visualization for **1300+** stakeholders and accelerating data-driven decision-making processes.

Software Developer

Regulatis AI

March 2025 – May 2025

San Francisco, CA

- Developed a full-stack web application using **React/Vite & Express.js**, using **Cloudflare** for database, caching, and **AI-driven RAG** questionnaire autofilling, reduced user input time by **33%**.
- Implemented **WebSockets** for real-time polling of AI processes, leveraging Cloudflare Workers for backend AI tasks, improving process feedback latency by **24%**.
- Enhanced application performance through Cloudflare object storage and caching strategies, achieving **90%+ cache hit rates** and supporting **60+ concurrent users**.

Software Developer

GovGoose (YC W25)

December 2024 – March 2025

San Francisco, CA

- Architected a RAG-based web application with Next.js & **FastAPI**, integrated **AWS Bedrock** for municipal document processing, answering preset questions with **93% accuracy** for **50+ users**.
- Engineered scalable data pipelines using PostgreSQL, **AWS (S3, Lambda)**, PyPDF2, and boto3, optimizing document parsing and **reduced query response time by 20%**.
- Spearheaded tech stack selection and pipeline design, implementing Uvicorn and python-multipart to vastly enhance API efficiency, enabling **seamless deployment for 1000+ municipalities**.

PROJECTS

Wrapi | Next.js, Azure, Prisma ORM, Hono.js

Ongoing

- Designed and implemented scalable** API endpoints using Hono.js for an NPM package and web application, enabling seamless integration with a Next.js-based **centralized project management dashboard**.
- Integrated Azure SQL Database for **low latency and high throughput data transfers** and Azure functions for massive compute service for vast amounts of data coming through Wrapi and for any concurrent functions for scheduling, polling, and service statuses.

Renegent | Next.js, Azure, OpenAI, Trigger.dev

May 2025

- Single-handedly developed a full-stack Next.js app for the Perplexity Hackathon, enabling **automated offer letter parsing & analysis** with **92% accuracy** for extracting salary and equity details for 10+ users.