

# Harshal Pimpalshende

hvp2015@nyu.edu | +1 929 784 9069 | New York, USA | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

### New York University – Tandon School of Engineering

Master of Science in Computer Science (MSCS)

Brooklyn, NY

May 2027

### K.C.C.M.S.R., University of Mumbai

Bachelor of Engineering in Computer Engineering

Thane, India

June 2024

## SKILLS

**Languages:** JavaScript, TypeScript, Python, SQL

**Frontend:** React.js, Preact, Next.js, HTML, CSS, Bootstrap, Tailwind CSS

**Backend:** Node.js, Prisma ORM, Django, Flask, REST APIs

**Databases & Cloud:** MongoDB, PostgreSQL, MySQL, AWS (EC2, S3, Elastic Beanstalk, RDS), Vercel, Docker

**Tools:** Git, Postman, Jest, Pytest, Jupyter Notebook, Google Colab, Figma, Linux, Jira, Slack

## EXPERIENCE

### Freelance Full-Stack Developer

Jan 2025 – Apr 2025

Sanjivan Medico Traders – Pharma ERP Platform

India

- Designed and deployed a Pharma ERP with 15+ modules (Inventory, Billing, Sales, P&L), reducing manual tracking efforts by ~70% and cutting billing cycle time from 15 minutes to under 2 minutes per invoice.
- Engineered role-based access for 5 user roles, activity logging, and automated CI/backup pipelines on Vercel with 99.9% uptime over 4 months of production use.
- Stack:** Next.js, TypeScript, MongoDB, Prisma, NextAuth, Tailwind, ShadCn UI.

### Donatekart

Feb 2024 – Dec 2024

Software Developer Intern → Junior Software Developer

Remote / Bengaluru, India

- Promoted from Software Developer Intern to Junior Developer in 6 months for strong ownership of production systems.
- Refactored legacy codebase (~20K LOC) and optimized 10+ REST APIs, reducing average response time by ~35% and eliminating 3 critical production bottlenecks.
- Reduced page load time by ~40% through lazy loading, code splitting, and asset compression; achieved 100% cross-device UI consistency across 15+ screen breakpoints.
- Stack:** Next.js, React, TypeScript, Google and PayU API.

## PROJECTS

### BillBridge: B2B SaaS ERP | [Live](#)

- Architected a multi-tenant ERP platform supporting 50+ concurrent business accounts with tenant-isolated data, inventory tracking, and GST-compliant invoicing.
- Implemented real-time analytics for profit/loss, expenses, and sales insights, improving financial visibility and reducing dependency on manual spreadsheets across daily reporting workflows.
- Integrated AI chatbot for business data querying and AWS S3 for structured document and asset storage at scale.
- Stack:** Next.js, TypeScript, MongoDB, AWS S3, AI chatbot, Prisma, Tailwind, Radix UI, Travis CI.

### Dues & Do's: Household Management Platform

- Built a multi-household management platform with Django 4.2 and PostgreSQL, supporting real-time task coordination, expense splitting, and member synchronization across households.
- Implemented Google OAuth2 via django-allauth, time-limited invite codes, and S3-backed user profiles with role-based household access and secure session management.
- Deployed on AWS Elastic Beanstalk with separate dev/prod environments, PostgreSQL in production, and S3 for static asset delivery.
- Stack:** Django, Python, PostgreSQL, AWS (Elastic Beanstalk, S3, RDS), JavaScript, Tailwind CSS.

### ApplyOps: Job Application Tracker | [Live](#)

- Built a full-stack job tracking platform managing 500+ applications with structured pipelines for interviews, recruiter interactions, and automated status updates.
- Integrated Gmail OAuth with AI parsing (Gemini API) to auto-extract recruiter data, detect inactivity (ghosting), and maintain real-time status updates with minimal manual intervention.
- Stack:** Next.js, TypeScript, MongoDB, AWS S3, Prisma, Gmail API, Gemini API, Recharts.

### Nooby: Your A.I. Companion | [Live](#)

- Built a cross-platform AI browser extension enabling web search, multi-source summarization (PDFs, web pages, YouTube), and AI-assisted automation for seamless productivity.
- Designed modular architecture integrating 3 LLM providers (OpenAI, Claude, Gemini) with provider-agnostic API routing, rate limiting, and secure key management.
- Stack:** Next.js, TypeScript, JavaScript, HTML, CSS, SCSS, Gemini API, OpenAI API.

## PUBLICATIONS

- Nooby: A Comprehensive AI Extension for Intelligent Web Experiences, IEEE-approved journal (JICR), Vol. XVI, Issue IV, DOI: 18.0002.JICR.2024.V16I4.008301.3171237345303838. [Link](#)

## CERTIFICATIONS

- IBM Data Science Professional Certificate:** Python, AI, Machine Learning, and SQL (Coursera). [Link](#)
- Cryptography with Python – Infosys Springboard.** [Link](#)