Harshal Pimpalshende

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New York, USA

Portfolio 🌐

GitHub

LinkedIn in

EDUCATION

New York University – Tandon School of Engineering, Brooklyn, NY
Master of Science in Computer Science (MSCS)
Expected May 2027

K.C.C.M.S.R., University of Mumbai, Thane
Bachelor of Engineering in Computer Engineering (B.E.)   CGPA: **8.04**
June 2020 – June 2024

SKILLS

Languages : Python, Javascript, Typescript
Frontend Technologies : ReactJS, PReact, HTML, CSS, Bootstrap
Databases and Cloud services: Supabase, Vercel, MongoDB
Data and API Tools: Jupyter Notebook, Google Colab, Postman
Other Tools : Wordpress, Git, Figma, Canva, Davinci Resolve

EXPERIENCE

Freelance Full-Stack Developer
Client: Sanjivan Medico Traders – Pharma ERP Platform   Jan 2025 – Apr 2025

- Designed and deployed a full-scale Inventory, Billing, and Analytics System for a pharmaceutical distributor.
- Built 15+ integrated modules (Sales, Invoices, Expenses, Stock, Delivery, Attendance, Salaries, Statements, PnL and other Reports) with role-based authentication and activity logs.
- Engineered secure backend with Next.js 15, Prisma ORM, and MongoDB, hosted on Vercel.
- Created real-time dashboards visualizing latest updates and stock movement across locations.
- Delivered a maintainable architecture enabling automated builds, backups, and smooth scalability.

Donatekart, Bengaluru, India
Junior Software Developer   *Aug 2024 – Dec 2024* ↗

- Promoted from intern to junior developer after 6-month internship for strong performance and ownership in production systems.
- Refactored legacy React modules, improving maintainability and scalability, and reduced technical debt.
- Integrated multiple APIs including payment gateway and donation tracking features.
- Optimized front-end performance achieving a faster load time via lazy loading and efficient asset handling.

INTERNSHIPS

Donatekart
Software Developer Intern   *Feb 2024 – Jul 2024* ↗

- Created responsive web pages and improved user experience across multiple campaigns.
- Designed, developed, and maintained responsive pages using React, enhancing usability and performance.
- Translated wireframes and design mockups into fully functional, interactive web pages with React.js, ensuring 100% design accuracy and cross-browser compatibility.

PROJECTS

Nooby: Your A.I. Companion ⇗
- Developed a cross-platform AI web assistant that enhances browsing with intelligent search, chat, and summarization features.
- Implemented Chat with PDF/Webpage, YouTube transcript summarizer, and custom prompt builder using OpenAI APIs.
- Core features include AI-driven search/chat, article/webpage summarization, Chat with Pdf and webpage, webscraping, and youtube summary, customizable prompts.
- Tech: JavaScript, Python, Preact, Open A.I. and other API's.

DarkCrypt : Bitcoin wallet Balance Checker ⇗
- Developed a Python script to fetch Bitcoin wallet balances via Blockchain.info API, displaying values in BTC, USD, and INR.
- Implemented automated alerts for wallets with balances above a set threshold, logging detailed, timestamped reports and execution metrics.
- Tech Stack: Python, Requests, Coindesk API, Blockchain.info API.

Publications

Nooby: A Comprehensive AI Extension for Intelligent Web Experiences ⇗
Journal of Interdisciplinary Cycle Research, IEEE-approved (Vol XVI, Issue IV),
DOI: 18.0002.JICR.2024.V16I4.008301.3171237345303838
- Published findings on 'Nooby' detailing its development, practical benefits such as reduced task complexity and enhanced workflows, and features like article/PDF summarization, chat, web scraping, and other functionalities.
- Included market research, problem analysis, systematic research methodology, and user-centric project design in the publication.

ACHIEVEMENTS
- 1st place out of 120 competitors in the KIMO Tech competition, demonstrating skill in A.I. and Blockchain as a Service. ⇗
- Nooby: Your AI Companion – Shortlisted in Xibit, an intercollegiate innovation competition.

Certificates and MOOCS
- IBM Data Science Certificate: 10 Courses, Python, AI, ML, SQL. ⇗
- Cryptography with Python: Infosys Springboard. ⇗

Extracurricular activities
- Led as the Rotaract President for a college event, ensuring its successful execution and positive impact.
- Worked with NGO's to organize and manage activities such as blood donations, awareness programs, and similar initiatives.