



Harshal Pimpalshende

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Portfolio 
GitHub 
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EDUCATION	New York University – Tandon School of Engineering , Brooklyn, NY <i>Master of Science in Computer Science (MSCS)</i> Expected May 2027	
	K.C.C.M.S.R. , University of Mumbai, Thane <i>Bachelor of Engineering in Computer Engineering (B.E.)</i> June 2020 – June 2024	CGPA: 8.04
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 <ul style="list-style-type: none">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 <i>Junior Software Developer</i> Aug 2024 – Dec 2024  <ul style="list-style-type: none">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 <i>Software Developer Intern</i> Feb 2024 – Jul 2024  <ul style="list-style-type: none">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.