Harsh Patil

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EDUCATION

- **D.Y. Patil College of Engineering and Technology, Kolhapur**   Kolhapur, Maharashtra
  B.Tech in Computer Science; CGPA: 8.6/10   *Dec 2021 – Jun 2025*

EXPERIENCE

- **Yotta Data Services Pvt. Ltd.**   Mumbai, Maharashtra
  AI and Web Development Intern   *Jan 2025 – Jul 2025*
  - **AI-Powered Chatbot**: Built an AI chatbot for the GRC Team using Retrieval-Augmented Generation (RAG) with embedding models on low-code platforms, improving query resolution accuracy and maintainability.
  - **Pricing Dashboard**: Developed a real-time pricing dashboard with automated web scraping for competitor price tracking and data-driven insights.
  - **Tech Stack**: **Python**, **REST APIs**, **Streamlit**, **Grafana**, **DataStax Astra (low-code)**, **Postman**, **Firecrawl**, **RAG with embedding models**

- **Real Time Application Center Pvt. Ltd.**   Kolhapur, Maharashtra
  Full Stack Developer Intern   *Dec 2023 – May 2024*
  - **Billing System**: Worked as part of the Billing System team, developing software integrated with a website to manage product billing for retail shops, ensuring accurate and efficient transaction processing.
    Technologies: HTML, **CSS**, **Bootstrap**, **JavaScript**, **PHP**, **jQuery**, **MySQL**

PROJECTS

- **EduQuest: An E-Learning Platform**: Developing a customizable training platform for Binaric System Pvt. Ltd. to deliver course content and track fresher performance with advanced analytics.
  Technologies: MERN, **JavaScript (ES6+)**, **MongoDB**, **Grafana**
- **EzCart: An E-commerce Website**: Developed a customizable e-commerce website with product listings, shopping cart, and adaptable features for varied business needs.
  Technologies: PHP, **MySQL**, **Bootstrap**, **jQuery**

SKILLS

- Languages: **Python**, **Java**, **C++**, **PHP**, **JavaScript**
- Frameworks / Libraries: **Flask**, **Django**, **MERN Stack**, **jQuery**, **Bootstrap**
- Databases: **MySQL**, **MongoDB**
- Platforms / Tools: **Cloud Technologies**, **Firebase**, **Grafana**, **Postman**, **DataStax Astra**, **Firecrawl**, **No-Code Low-Code Platforms**
- AI / ML: **RAG**, **Embedding Models**

ACHIEVEMENTS AND RESPONSIBILITIES

- **Published Research Paper on Patient History Centralization (Individual)**: Proposed and implemented a secure, centralized medical record system to streamline healthcare access and decision-making.
  Published in **IJNRD**, Volume 9 Issue 3, Mar 2024. ISSN: 2456-4184.
  Link: https://ijnrd.org/viewpaperforall.php?paper=IJNRD2403202
- **Published Research Paper on EduQuest: An E-Learning Platform (Individual)**: Developed **EduQuest**, a MERN-based scalable e-learning solution for corporate training, as part of B.Tech final year project.
  Published in **IJSREM**, Volume 9 Issue 5, May 2025. ISSN: 2582-3930.
  DOI: https://doi.org/10.55041/IJSREM47178
- **Best Volunteer**: Awarded for 7-days social service camp by NSS Club, DYPCET.
- **Head Coordinator**: Coding Club, DYPCET.