

Prema Dongare

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Education

BRACT's Vishwakarma Institute of Information Technology, Pune	Aug 2024 – May 2027
• B.Tech in Computer Science and Engineering(AI) (CGPA: 9.16)	
Bhivrabai Sawant Polytechnic, Pune	Aug 2021 – May 2024
• Diploma in Computer Engineering (MSBTE: 91.31%)	

Experience

Junior Software Developer Intern SuPrazo Technologies	Aug 2025 – Sep 2025
• Created dynamic and validated web forms for platforms such as Hospital Management System and NGO website.	
• Implemented front-end validation and form handling for improved user experience.	
Project Intern Fluid Controls Limited	Feb 2025 – May 2025
• Understood networking fundamentals and industrial communication systems.	
• Identified optimal networking solutions based on budget, scalability, and organizational fit.	
Software Testing Intern Blue Planet Infosolutions Pvt. Ltd	Jun 2023 Aug 2023
• Performed manual testing, bug tracking, and test case documentation using Jira.	
• Collaborated with development teams for defect reporting and quality assurance.	

Projects

TrustInsure AI-Health Insurance Prediction and Explanation system [GitHub]	Aug 2025 -Oct 2025
<i>React.js, FastAPI, TensorFlow/Keras, Scikit-learn, LangChain, Google Gemini 2.5 Pro, BeautifulSoup</i>	
• Developed a 88.8% accurate ML model for health insurance premium prediction using TensorFlow/Keras .	
• Designed an AI chatbot using LangChain, Gemini 2.5 Pro and RAG with FAISS for query resolution.	
Wonderland [GitHub]	Apr 2025 -Jun 2025
<i>HTML, CSS, Express.js, Node.js, JavaScript, Passport.js, RESTful APIs, MongoDB</i>	
• Developed a responsive MVC-based travel-sharing platform enabling user-generated content and secure authentication.	
• Containerized the project using Docker and deployed it on Render for efficient hosting and scalability.	
HealthHive [GitHub]	Mar 2025 -Jun 2025
<i>MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT</i>	
• Built a full-stack healthcare platform with role-based authentication for patients, doctors, and admins using MERN stack.	
• Created secure booking system with integrated payment.	

Skills

Languages: Java, Python

Technologies & Frameworks: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, MySQL, Tailwind CSS, Bootstrap, ML, Generative AI, Docker, MLflow, DVC, CI/CD

CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Tools: Git, GitHub, Visual Studio Code, Android Studio, Jupyter Notebook, Google Colab, Render

Soft Skills: Communication, Collaboration & Teamwork, Adaptability, Time Management

Key Achievements and Extracurricular

- **AgriTech Hackathon Finalist (Mumbai)** — Ranked in Top 10 out of 1200+ participants; Patent Granted for the proposed AgriTech solution.
- **GSSOC 2024 Contributor** — Contributed to open source, earned Level 1 and 2 badges through Git-based collaboration.
- **Cisco Networking Club – Technical team member** — Delivered live networking sessions to 50+ peers.
- **Scholarship** - Lila Poonawala Foundation Scholar (2024-2027) - Selected through a rigorous academic and interview evaluation process.

Certifications

- Full Stack web development by [Apna College](#)
- Bootcamp on Artificial intelligence by [CDAC Pune](#)
- Python for Data Science and Machine Learning by [Udemy](#)
- CCNA module 1 by [Cisco](#)