

Pankaj Vinod Mehta

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Profile Summary

Passionate and results-driven Software Engineer with hands-on experience in full-stack development, cloud platforms, and Generative AI. Skilled in React.js, ASP.NET Core, Node.js, and Python, with a strong academic background. Proven ability to lead projects, build scalable applications, and quickly learn new technologies. Enthusiastic about solving real-world problems through innovative and efficient software solutions.

Technical Skills

Languages & Development

- **Languages:** C, C++, Java, Python, PHP, JavaScript.
- **Web:** HTML, CSS, Sass, Tailwind CSS, Bootstrap.
- **Frameworks:** Node.js, React.js, ASP.NET Core,

Databases & APIs

- **Database:** SQL Server (SSMS), MySQL, MongoDB (Compass), Neo4j, Firebase.
- **APIs & Integration:** REST APIs, Twilio, Postman

Tools, Cloud & Platforms:

- **Technologies:** Docker, Git, GitHub, GitHub Actions, n8n
- **Cloud:** AWS (EC2, S3 basics), GCP (basic)
- **Tools:** Visual Studio 2022, VS Code, Figma

Artificial Intelligence

- **AI/LLM Tools :** Generative AI, Hugging Face (Transformers) & Local Setup

Education

M.Sc. - Computer Science , MIT Arts Commerce & Science College Alandi Pune	2023 - 2025
• CGPA: 9.47 / 10 (Google Drive)	
B.Sc. - Computer Science , MIT Arts Commerce & Science College Alandi Pune	2020 - 2023
• CGPA: 9.53 / 10 (Google Drive)	

Experience

Associate Software Engineer Trainee , PureSoftSolutions – Chikhli, Pune 412105	March 2024 – June 2025
• Developed full-stack applications using ReactJS, ASP.NET Core, MongoDB, SQL, and Generative AI. • Built responsive UIs with React + Tailwind CSS and set up Node.js backend servers. • Wrote APIs, stored procedures, and implemented Excel/Doc generation via backend code (ASP .Net). • Handled deployment and maintained production-ready code. • Led the end-to-end dev cycle and acted as Technical Lead for a team, ensuring timely delivery and team coordination.	

Projects

Ryngmo (*PureSoftSolutions*)

- Created Frontend Pages and integrate Twilio with ElevensLab to create Calling Agent.
Tools used: React.js, TailwindCSS, Node.js, Python, ElevensLab, Twilio.

Shagun Suncryst (*PureSoftSolutions*)

- Work on Report creation and API creation using ASP .Net+SSMS (store Procedures) and bind to fetch those records on UI
Responsibilities : API Creation, Frontend Changes as per requirement, Bug Fixing, Deployment on IIS server.
Tools Used: ASP .NET Core, SSMS, React.js

MeBot Platform (*PureSoftSolutions*)

- Create whole application frontend and backend and bind API (ownFastAPI / ChatGPT) for fetching response to bot. also implement RAG using Swagger FastAPI.

Tools Used: Python, Express.js, Node.js, React.js, Postman, GitHub, Docker

LocalM

GitHub

- Built a local GenAI app using FastAPI, TinyLlama-3.2 3B/LLaMA-2-7B, BLIP, and ChromaDB. Enables students to upload notes (PDF, DOCX, TXT, images) and ask questions or generate images.
- Integrated RAG pipeline for document QA and image captioning. Supports text generation (~20s) and image generation (~140s) on CPU.
- **Tools Used:** Python, TinyLlama-3.2, ChromaDB, HuggingFace, Kaggle

Certifications

- Certificate from Udemy of JAVA and JavaScript.
- Completion of Developer Experience Virtual Program.
- Certificate of Basic Knowledge of C, CPP, HTML, Arduino, Latex, Linux.
- Python and Machine Learning, Basic Web Development With HTML, CSS, JS.
- Fundamentals of Cyber Security