Piyush Katole

Software Engineer | Full Stack (React, Node) | AI-Integrated SaaS Applications

📞 +91-9421742289 | ✉ katolepiyush16@gmail.com | in pkkk9 | ⌾ PIYushK0916 | 🌐 piyush.corvaya.in

Pune, Maharashtra, India

PROFESSIONAL SUMMARY

Software Development Engineer with **2+ years** of experience building scalable web and mobile applications. Expert in **JavaScript, TypeScript, Python** with strong proficiency in **React, Node.js, Express, and RestAPI**. Skilled in designing RESTful APIs, database optimization, CI/CD pipelines, and cloud deployments (AWS). Experience delivering production applications including iOS apps on App Store. Strong problem-solving abilities with focus on clean code, performance optimization, and agile methodologies.

PROFESSIONAL EXPERIENCE

Software Engineer   Jan 2025 – Dec 2025
TechTech   *Pune, India*
- Developed scalable React.js applications with modern state management and reusable components
- Built cross-platform mobile apps using React Native and native module integrations

Full Stack Engineer   Oct 2024 – Jan 2025
Doggle India (Shark Tank-funded startup)   *Remote*
- Designed authentication systems and dashboards for SaaS platforms using MERN stack
- Optimized React component architecture with code-splitting and lazy loading for faster performance
- Implemented CI/CD pipelines with GitHub Actions for automated testing and deployment

Full Stack Engineer   Sep 2024 – Nov 2024
VENQ   *Remote*
- Architected REST APIs using Node.js/Express.js for secure event management solutions
- Integrated third-party APIs and ensured robust error handling and data validation
- Improved analytics performance by optimizing MongoDB pipelines and database indexing

KEY PROJECTS & CLIENT ENGAGEMENTS

Peace Therapy App | *FastAPI, PostgreSQL, AWS, OpenAI GPT-4*   Jan 2025
- Built production iOS app with AI-powered therapist matching and secure booking (Live on App Store)
- Deployed on AWS EC2 with RDS and automated notifications via MSG91 API integration

Vaidya Samavada – Telemedicine | *MERN, React Native, WebRTC*   Mar – Aug 2024
- Developed real-time video consultation with WebRTC and integrated EMR appointment scheduling
- Delivered cross-platform mobile apps using React Native with high code reusability

AI Document Search (RAG) | *React, FastAPI, OpenAI, LangChain, FAISS*   Aug – Sep 2024
- Built RAG-based chatbot for PDF queries using LangChain and OpenAI APIs for document-grounded responses
- Implemented FAISS vector database for high-performance semantic similarity search and retrieval

Corvaya E-commerce | *MERN Stack*   Feb – Apr 2024
- Developed full-featured e-commerce with product catalog, cart, checkout, and admin inventory panel
- Optimized MongoDB queries and React components for improved page load performance

ADDITIONAL PROJECTS

AI ChatBot - React, GPT-4o: Conversational AI with OpenAI integration | **Local Hungama** - MERN: Event booking platform

Task Manager - MERN: Collaborative tracker | **Good Therapy** - React: Mental health platform

Khatabook - MERN: Finance tracker | **Yash Engg Services** - Client website | **Magicumple** - E-commerce

EpiScan - TensorFlow: Cancer detection ML model (92% accuracy) | **Brain Clot Detection** - CNN, OpenCV

Syntax And Sense - Website | **Ochi** - React | **SpeedoMeter** | **Collage Diaries**

CORE TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, HTML5, CSS3
Frontend: React.js, React Native, Redux, Next.js, Tailwind CSS, Material-UI
Backend: Node.js, Express.js, REST APIs, GraphQL, Microservices
Databases: MongoDB, PostgreSQL, MySQL, Redis, Firebase, Query Optimization
Cloud & DevOps: AWS (EC2, RDS, S3), Docker, Kubernetes, Git, GitHub Actions, CI/CD
AI/ML: TensorFlow, Scikit-Learn, OpenAI API, LangChain, NLP, Computer Vision
Data Science: Pandas, NumPy, Matplotlib, Seaborn

EDUCATION

Bachelor of Technology in Computer Science & Design   Expected: 2026
Dr. D.Y. Patil School of Science & Technology, Pune   *CGPA: 9.2/10.0*

ACHIEVEMENTS

Presented SaaS platform at **Dubai World Trade Center** (2024)
National Poster Competition, 3rd Place, Department of Justice, India (2024)
Student Coordinator for 500+ participant symposium (2023)