

# Abhishek Bhonde

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## Experience

### Software Engineer

January 2025 – Present

RefactorQ

Pune, India

- Engineered and deployed **3 full-stack e-commerce platforms** using React, Node.js, and MongoDB, implementing performance optimizations that **reduced page load time by 40%** and **increased conversion rates by 15%**
- Led end-to-end development of AI-powered healthcare mobile application using **React Native and TypeScript**, integrating Azure ML models and OpenAI APIs with RAG architecture to deliver **95% accurate medical insights**
- Designed and implemented custom AI models with retrieval-augmented generation, deploying to **AWS ECS using Docker** containers and automated CI/CD pipelines with GitHub Actions
- Architected secure authentication systems with JWT and role-based access control for multi-tenant healthcare platform serving **10,000+ users with 99.9% uptime**
- Optimized database queries and implemented Redis caching strategies that **improved API response times by 60%** for high-traffic e-commerce applications

## Technical Skills

**Languages:** Python, JavaScript, TypeScript, Java, SQL

**Frontend:** React.js, React Native, Next.js, Redux, TailwindCSS, HTML5, CSS3

**Backend:** Node.js, Express.js, GraphQL, REST APIs

**Databases:** MongoDB, PostgreSQL, MySQL, Prisma ORM

**AI/ML Tools:** OpenAI API, Azure ML, LangChain, RAG Systems, Semantic Search, Pinecone, Weaviate, GitHub Copilot, Cursor, Claude

**DevOps & Cloud:** AWS (EC2, ECS, S3, Lambda), Docker, Kubernetes, Jenkins, GitHub Actions, Terraform, Linux, CI/CD

**Tools:** Git, Prometheus, Grafana, ChatGPT

## Projects

### Herbal Life - AI-Powered Healthcare Application | React Native, TypeScript, Node.js, MongoDB, Azure ML RefactorQ

- Developed cross-platform iOS and Android healthcare app with AI-driven medical insights and role-based dashboards for NC, Coach, Consumer Prospect, and Super Admin users
- Integrated RAG system with Azure Machine Learning models and OpenAI API, enabling **real-time symptom analysis** and reducing information retrieval time from minutes to seconds
- Implemented secure authentication, data persistence, and role management achieving **4.8/5 star rating** on Google Play Store with **5,000+ active users**

### Second Brain - Knowledge Management System | React.js, Node.js, MongoDB, OpenAI API, TailwindCSS Personal

- Built intelligent knowledge management platform with semantic search capabilities using OpenAI embeddings for enhanced content discovery
- Engineered responsive React frontend with TailwindCSS, **reducing task management time by 70%** for users
- Developed secure Node.js/Express backend with MongoDB, handling **1,000+ daily queries with 200ms average response time**

### Scalable CI/CD Pipeline for Microservices | AWS EKS, Docker, Kubernetes, Terraform, GitHub Actions Personal

- Architected automated CI/CD pipeline for microservices deployment on AWS EKS, **reducing deployment time from 2 hours to 15 minutes**
- Containerized applications using Docker and orchestrated with Kubernetes, achieving **zero-downtime deployments**
- Implemented infrastructure-as-code with Terraform, **reducing provisioning time by 90%** while maintaining 99.95% availability

## Education

### JSPM's Rajarshi Shahu College of Engineering-2025

Pune, Maharashtra

Bachelor of Technology in Computer Engineering, GPA: 8.88/10

## Achievements

**First Place Winner** - Boston Hackathon (September 2024): Developed innovative Next.js/Node.js application with cloud-native architecture

**Top Performer** - Cloud Native Day Pune Hackathon (October 2024): Built scalable microservices solution with Kubernetes

**Open Source Contributor** - Active contributor to React Native and web development communities