BHAVIN PATHAK

Portfolio | LinkedIn | GitHub | Leetcode

Vapi, Gujarat | Sagwara, Rajasthan
bhavinpathak29@gmail.com | +91 9428455515

PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience building scalable web, mobile, and backend applications. Proficient in the development of React, Flutter, Node.js, Express, and REST API. Strong background in database systems including PostgreSQL, MongoDB, Cassandra, and Milvus. Experienced with Docker, GitHub Actions, Jenkins, and Nginx for CI/CD and deployment. Focused on performance optimization, responsive UI development, and AI/LLM integration.

TECHNICAL SKILLS AND INTERESTS

Languages	:	C, C++, JavaScript, Typescript, Dart, Swift, Python
Frameworks	:	React.js, React Native, Node.js, Express.js, Flutter, SwiftUI
Libraries	:	Material UI, Redux Toolkit, React Router, CSS, Tailwind CSS, Styled Components, Responsive UI
Databases	:	PostgreSQL, MySQL, MongoDB, Cassandra, Milvus
OS	:	Linux, Windows, macOS
DevOps	:	Git, GitHub, Git-lab, Bit-bucket, GitHub Actions, Jenkins, Docker
Tools	:	VS Code, Xcode, Android Studio, Postman
Areas of Interest	:	Web Design and Software Development
Soft Skills	:	Problem Solving, Self-learning, Data Structures Algorithms

WORK EXPERIENCE

Software Developer (SDE-1) — Dec 2024 – Present
Meril Life Sciences Pvt. Ltd. Dept @Nuvoai — Vapi, Gujarat

- Developed end-to-end application features as a Full-Stack Developer across mobile and backend systems.
- Implemented scalable RESTful APIs using **Node.js**, **Express**, and followed industry best practices.
- Integrated backend services with **Flutter** apps ensuring seamless, low-latency communication.
- Implemented **Cassandra Database** to improve reliability and performance.
- Implemented **Vector Search** and Similarity-Based Retrieval using **Milvus**.
- Implemented secure and scalable object storage using **MinIO**.
- Containerized backend services using **Docker** to ensure consistent development and deployment.
- Implemented **Jenkins CI/CD pipelines** for automated builds and deployment.
- Performed **API testing**, debugging, and performance tuning across environments.

Full-Stack Developer — Apr 2024 – Nov 2025
UBSoftec — Vapi, Gujarat

- Developed backend services using **Node.js**, **Express**, and REST-based architectures.
- Designed and implemented CRUD operations using **MongoDB** and **Mongoose ORM**.
- Built RESTful APIs for business workflows, enhancing feature delivery and maintainability.
- Performed API validation, debugging, and error resolution using **Postman** and logging tools.
- Integrated backend services with frontend modules ensuring data consistency and performance.

Mobile Application Developer (Internship + Full-Time) — Jun 2022 – Feb 2024
RND Technosoft — Vapi, Gujarat

- Developed cross-platform mobile applications using **Flutter** and **Dart** with focus on performance and scalability.
- Built native iOS applications in **SwiftUI** using MVVM architecture and reusable components.
- Integrated REST APIs, real-time data handling, authentication modules, and third-party SDKs.
- Implemented responsive UI/UX, adaptive layouts, and custom reusable widgets.
- Performed **unit testing**, debugging, and performance optimization to reduce crash rates.
- Published apps to the **Apple App Store** and **Google Play Store** including analytics and **AdMob**.

Computer Hardware Engineer   Apr 2020 – May 2022
Earth Infotech   Sagwara, Rajasthan

- Managed help desk operations and resolved hardware/software issues while prioritizing support tickets.
- Built and optimized custom computer systems including high-performance gaming PCs.
- Configured routers, switches, and network systems for CCTV surveillance and office infrastructure.
- Installed, updated, and monitored antivirus and antimalware tools to ensure system security.

EDUCATION

Mohanlal Sukhadia University   Udaipur
Bachelor of Computer Applications - BCA   2017 - 2021

PROJECTS

YT AI Q&A   Source Code
Python, NLP, LLMs, AI

- Built an AI-powered question answering system over YouTube video transcripts
- Implemented semantic search and context-aware responses using LLMs
- Designed a scalable pipeline for transcript ingestion and processing
- Optimized response relevance using prompt structuring and context windows
- Focused on performance, accuracy, and real-world usability

Clario   Source Code
React.js, Tailwind CSS, OpenAI API

- Developed a modern AI-powered text summarization web application
- Integrated OpenAI API to generate concise and meaningful summaries
- Built reusable React components with clean state management
- Designed a fully responsive UI using Tailwind CSS
- Optimized build and deployment for production readiness

Fullstack Linux Setup   Source Code
Linux, Shell, Automation

- Automated a Linux-based full-stack development environment using shell scripts
- Scripted installation and configuration of essential development tools
- Standardized developer onboarding and reduced manual setup effort
- Ensured environment consistency through automation
- Improved developer productivity by streamlining system configuration

Authentication Kit   Source Code
Swift, SwiftUI, MVVM

- Built a reusable authentication module with login, signup, OTP, and password reset flows
- Implemented secure input validation and structured error handling
- Designed smooth animated transitions using SwiftUI
- Followed MVVM architecture for scalable and maintainable code
- Optimized UI components for reuse across iOS applications

Evernotes   Source Code
React.js, Tailwind CSS, CRUD

- Developed a notes management application with full CRUD functionality
- Implemented local storage for client-side data persistence
- Designed responsive layouts for mobile and desktop devices
- Managed application state efficiently using React hooks
- Focused on clean UX and intuitive user interactions