PRATHAM PARIKH

Vadodara, Gujarat, India

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🌐 Portfolio　</> LeetCode

Summary

Full-stack developer passionate about building performant web apps and applying DSA to real-world problems.

Skills

Programming Languages: C, Java, PHP, SQL/PLSQL, JavaScript/TypeScript
Frontend: HTML, CSS, JavaScript, Tailwind CSS, React, Next.js
Backend: Node.js, Express.js
Databases: Supabase, MSSQL, MongoDB
Tools and Technologies: Git/GitHub, Docker, Postman, Bash Scripting, Unit Testing
Technical Skills: Data Structures and Algorithms (DSA), Design and Analysis of Algorithms (DAA)

Experience

Suyog Electricals Ltd.　　　　　　　　　　　　　　　　　　　　　　　**Apr 2024 – June 2024**
Full Stack Developer Intern　　　　　　　　　　　　　　　　　　　　　　　*Vadodara, Gujarat*

- Resolved API bugs, rendering issues, and session errors, enhancing stability in production.
- Optimized SQL queries and async logic, reducing page load by **20%** (measured via Lighthouse).
- Refactored PHP codebase to align with Agile practices, increasing test coverage and code quality.

Projects

ShellMind - AI CLI Chatbot | *Nodejs* | ⊙　　　　　　　　　　　　　　　　**April 2025**

- Developed **ShellMind**, an AI-powered **CLI chatbot application** using **Node.js** to streamline developer workflows and enhance productivity.
- Implemented session management and contextual awareness using file system and prompt engineering.
- Enabled interaction with local directories using **command-line utilities**, enhancing user experience for developers.

Codebox - Online Code Editor and Compiler | *Reactjs, MongoDb, Nodejs, Express* | ⊙　　**March 2024**

- Built a browser-based platform to write, compile, and execute code across languages using **WebContainer**, containerized runtimes, and **Docker**.
- Implemented JWT-based authentication, project-based session storage, and user management for secure user access.
- Followed best practices for **CI/CD**, **version control** (Git), and backend architecture to ensure application scalability.

Q/A automation testing | *MERN, Github ci/cd* | ⊙ | (Hackathon)　　　　　　　**August 2025**

- Built a CI/CD pipeline to detect modified files, that auto-generate Jest unit tests, and run them on every push.
- Generated JSON test reports with a backend API for centralized storage and visualization.
- Owned pipeline automation and test integration in a team project, improving developer productivity and reducing manual effort.

Education

The Maharaja Sayajirao University　　　　　　　　　　　　　　　**July 2024 – Present**
Bachelor of Engineering in Computer Science　**CGPA: 8.29**　　　　　　　　　*Vadodara, Gujarat*

Parul University　　　　　　　　　　　　　　　　　　　　　　　**June 2021 – May 2024**
Diploma in Computer Engineering　**CGPA: 9.39**　　　　　　　　　　　　*Vadodara, Gujarat*

Position of Responsibility

Code Vimarsh　　　　　　　　　　　　　　　　　　　　　　　　**June 2025 – Present**
Core Member — Web Development　　　　　　　　　　　　*The Maharaja Sayajirao University*

- Contributed to understanding and maintaining the club's website codebase.
- Gained experience with version control, collaboration, and team development practices.

Achievements

- Solved over **200 coding problems** across **LeetCode**, **GeeksForGeeks**, and other platforms, achieving a peak LeetCode rating of **1610** and regularly participating in timed contests.
- Secured **Top 10** in an automation-focused hackathon by building an automated CI/CD testing pipeline, generating test reports, and integrating backend workflows.
- Contributed to open-source projects such as **Glot.io**, adding **Dart compiler support**.
- Contributed to the SSOC (Social Summer of Code) open-source project by implementing frontend pages (login, logout, 404, loading screens) and supporting backend API integration.
- Awarded **Silver and Bronze Medals** for Academic Excellence during Diploma in Computer Engineering.