

DEEP PATEL

+91 9106171024 Gandhinagar, Gujarat, India pateldeep17042004@gmail.com linkedin.com/in/pateldeep1704
github.com/DEEP-17

PROFESSIONAL SUMMARY

Motivated Computer Engineering student with robust expertise in software development, web technologies, and DevOps. Proficient in crafting responsive applications, automating processes, and optimizing code for performance and scalability. A collaborative problem-solver with a proven track record of delivering innovative solutions, complemented by a strategic mindset as a chess enthusiast.

EDUCATION

B.Tech in Computer Science and Engineering | Minor in Cyber Security 08/2022 – Present | Ahmedabad, India
Nirma University
CGPA: 8.59

Class 12 07/2021 – 03/2022 | Ahmedabad, India
Kameshwar Vidhyamandir
PCM Percentage: 93%

SKILLS

- **Programming Languages:** C++, Java, Python, JavaScript, Bash, SQL
- **Web & Frameworks:** React, Node.js, Tailwind CSS, Bootstrap, MongoDB, Kafka
- **DevOps, Cloud & Monitoring:** Docker, Kubernetes, Jenkins, GitHub Actions, GitLab CI/CD, AWS, Grafana, Prometheus, Loki
- **Networking & Tools:** Wireshark, Visual Studio Code, IntelliJ IDEA, SQL Plus, Kali Linux

WORK EXPERIENCE

Web Developer Intern 05/2025 – 07/2025 | Ahmedabad, India
SecureWave Technologies

- **Developed** responsive UIs with React.js, improving load performance by 25%.
- **Constructed** 12+ RESTful API endpoints, resulting in a 30% reduction in latency for over 1,000 users.
- **Executed** 100+ Postman test cases, achieving 99.9% API reliability.
- **Implemented** multi-stage Docker builds with Jenkins pipelines, reducing image size by 40% and shortening release cycles by 50%.
- **Managed** 20+ microservices on Kubernetes utilizing Helm charts, enhancing scalability by 70%.
- **Monitored** system health with Grafana, leveraging Prometheus for metrics and Loki for logs, achieving 99.95% uptime in an agile environment.

PROJECTS

ChessMaster 12/2024 – 02/2025
HTML, CSS, JavaScript, Node.js, MongoDB, Socket.io

- **Engineered** a real-time chess platform using chess.js, chessboard.js, and Stockfish.js, supporting over 500 concurrent users.
- **Designed** a responsive drag-and-drop UI with legal move validation and sub-100ms response time, enabling cross-device and local multiplayer modes.
- **Integrated** PGN parsing for 1,000+ replays and optimized rendering performance by 30%, enhancing gameplay experience.

TrailBlazer 06/2025 – 07/2025
HTML, CSS, JavaScript, Leaflet, OSRM

- **Engineered** a pathfinding web app utilizing Dijkstra's algorithm with OSRM, reducing path computation time by 40%.
- **Enhanced** search capabilities for over 10,000 locations with dynamic waypoints supporting up to 20 stops.
- **Created** a responsive dark/light UI, boosting rendering efficiency by 35% and enhancing user experience by 25%.

AlgoVisor 08/2024 – 12/2024
ReactJS, CSS, p5.js, particles.js

- **Developed** an interactive visualization tool for over 10 data structures and algorithms, improving conceptual clarity for over 1,000 learners.
- **Executed** step-by-step animations with React and p5.js to enhance learning outcomes.
- **Crafted** a fully responsive, theme-adaptive UI, ensuring seamless performance across all devices.

CERTIFICATIONS & ACHIEVEMENTS

AWS Academy Graduate – Cloud Foundations

- Completed hands-on labs in EC2, S3, VPC, IAM, Lambda, and RDS.

Awarded Merit-Based Scholarship by Nirma University for academic excellence.

Received Scholar's Certificate four times for academic excellence and dedication during undergraduate studies.

EXTRACURRICULAR ACTIVITIES

Smart India Hackathon

Computer Society of India | CodeAdda

- Active member of programming and development-focused clubs.