Swayam Patwa

Gonda, Uttar Pradesh, India

☎ +91-9555363996 • ✉ swayampatwa17@gmail.com • 🌐 swayamtosscs-svg.github.io
in swayam-patwa-793490256 • ⌗ swayamtosscs-svg

Professional Summary

Computer Science undergraduate skilled in full-stack development, test automation, and API-driven systems. Experienced in React, Firebase, MongoDB, API development, and performance optimization. Strong foundation in data structures, algorithms, automation principles, and analytical problem solving. Actively seeking a Software Developer / Full Stack / QA Automation internship at IBM.

Technical Skills

Programming: JavaScript (ES6+), Python, Dart, SQL

Frontend: React.js, Redux, Flutter, HTML5, CSS3

Backend: Node.js, Firebase, MongoDB, REST APIs, API Integration

Testing: Jest, Cypress, React Testing Library, Automation scripting

DevOps: GitHub, Linux, CI/CD basics

Cloud: IBM Cloud (basics), AWS fundamentals

Tools: VS Code, Postman, Git, PuTTY

Core CS: Data Structures, Algorithms, OS, DBMS

Experience

Toss Consultancy Services — On-site, Jabalpur
Full Stack Developer Intern — *Aug 2024 – Present*
- Developed scalable production apps using React, Flutter, Firebase, MongoDB, and REST APIs.
- Built secure API authentication + request validation, reducing backend failures by **30%**.
- Improved API latency by **22%** through optimized caching + request handling.
- Delivered stable deployment supporting **150+ active users** with log monitoring + updates.
- Used GitHub version control for collaborative development and CI testing workflows.

Newton School Coding Club (GGCT)
President — *Jul 2024 – Present*
- Conducted **10+ technical workshops** on frontend development, DSA, and Git workflows.
- Mentored students in APIs + automation testing best practices.
- Led team to win **Codecative 3.0 Hackathon**.

Projects

Flutter, Firebase, MongoDB, REST APIs
Religious App – Full Stack Mobile Application
- Built secure authentication + API-driven content delivery.
- Enhanced API throughput by **20%** via optimized query execution.
- Implemented automated deployment scripts + API testing.
- GitHub: App Repo | API Repo

React, Firebase, Stripe API, Cloud Hosting
E-Commerce Platform
- Implemented secure payment workflows via Stripe API + React checkout modules.
- Containerized deployment with CI/CD build scripts.
- Achieved **95% Lighthouse performance score**.

React, D3.js
Algorithm Visualization Platform
- Designed interactive visualizations for **15+ DSA algorithms**.
- Adopted by **80+ learners**; improved conceptual learning and retention.
- Automated test cases using Jest + GitHub workflows.

Education

Gyan Ganga College of Technology, Jabalpur — CGPA: 8.02/10
B.Tech – Computer Science & Engineering — *2022 – 2026*