

DEV JAYSWAL

Pondi Semariya, Sidhi, M.P. 486771

+91 9589883539

devjayswal404@gmail.com

LinkedIn

GitHub

Portfolio

LeetCode

Technical Skills

Languages: JavaScript (ES6+), TypeScript, **C# (.NET)**, Python, SQL, HTML5, CSS3, C++
Full Stack & Web: **React.js**, **Angular**, **Node.js**, **ASP.NET Core**, **Express.js**, **MongoDB**, Next.js, Redux Toolkit
DevOps & Cloud: **Docker**, **Kubernetes**, **AWS (EC2, S3)**, **CI/CD (GitHub Actions)**, **Nginx**, Linux (Ubuntu)
Tools & Concepts: **EF Core**, Git, Postman, Microservices, JWT Auth, System Design, REST APIs
AI/ML Familiarity: Python, PyTorch, LLM Orchestration, LangChain, Pandas, NumPy

Experience

Eastencher.com

02/2026 – Present

Software Developer Intern (.NET & Angular Focus)

Remote

- Contributing to the development of **large-scale enterprise software** using **Angular** for modular frontend components and **ASP.NET Core** for robust backend services.
- Engineered critical backend modules for **OTP verification** and automated **password reset** workflows utilizing **ASP.NET Web API** and **EF Core**.
- Architected and optimized scalable **RESTful APIs** integrated with **MongoDB**, ensuring efficient data persistence for high-throughput enterprise applications.
- Collaborating in an agile environment to translate business requirements into technical solutions while maintaining high code quality and system scalability.

FoodNEST(S)

07/2024 – 03/2025

Software Engineering Intern (Full Stack)

Lucknow, U.P.

- Architected a scalable **Progressive Web App (PWA)** using **Express.js** and **MongoDB**, boosting operational efficiency by 25% through real-time tracking.
- Developed a High-Availability Chatbot System using **Node.js** to interface between LLMs and frontend clients for 500+ concurrent users.
- Containerized microservices with **Docker** and configured **Nginx** as a reverse proxy, achieving 99.9% uptime.
- Reduced API latency by 50% by optimizing database queries and implementing **Redis caching** strategies.

Kisaanpe.com

02/2024 – 07/2024

Web Developer

Gwalior, M.P.

- Designed and developed responsive web interfaces with **JWT authentication** for secure user sessions and encrypted data pipelines.
- Managed distributed Linux environments on **DigitalOcean**, improving server reliability by 35% via network and firewall optimizations.
- Integrated automated QR-based data syncing between frontend and high-availability backend endpoints for 200+ users.

Projects

MIT-SATS - Distributed Resource Scheduling System | Python, Next.js, Docker

12/2025

- Engineered a high-performance scheduling engine using **Google OR-Tools** to automate conflict-free timetable generation across 100+ academic constraints.
- Architected a **Flask REST API** that supports multi-core parallel processing, optimizing resource allocation and ensuring a 100% validity rate.
- Developed a responsive dashboard using **Next.js 15** and **TypeScript** for real-time generation status and dynamic data visualization.

Education

Madhav Institute of Technology and Science, Gwalior

10/2022 – 07/2026

B.Tech in Artificial Intelligence and Machine Learning (CGPA: 8.1)

Gwalior, M.P.

Achievements

Competitive Programming: Rated 1650 on LeetCode — Solved 350+ Data Structure & Algorithm problems.

Hackathons: Amazon ML Challenge 2025 (AIR 23) - Developed optimized resource allocation models under high pressure.

Industry Experience: Completed multiple internships focusing on MERN, .NET, and Enterprise software development.