ARJUN PRATAP

Full Stack Developer | MERN Stack | ASP.NET Core | Generative AI Engineer

Noida, India | Open to Relocation & Remote Roles
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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Innovative Full Stack Developer with 3+ years of experience specializing in scalable web architectures and Generative AI integration. Expert in building enterprise-grade solutions using ASP.NET Core and the MERN stack. Proven track record in optimizing backend performance by 35% and deploying production-ready AI agents using LangChain and OpenAI. Passionate about clean code, microservices, and automating complex workflows through intelligent software design.

TECHNICAL SKILLS

Languages: C#, JavaScript (ES6+), Python, SQL, Java, TypeScript
Frontend: ReactJS, Redux Toolkit, HTML5, CSS3, TailwindCSS, Vite
Backend: ASP.NET Core, Node.js, Express.js, REST APIs, Microservices, Appwrite
Databases: SQL Server, MongoDB, PostgreSQL, Redis (Caching)
Generative AI: OpenAI API, LangChain, Prompt Engineering, Agentic Workflows, LLM Orchestration
Cloud & DevOps: AWS (EC2, S3), Docker, GitHub Actions, CI/CD, Nginx, Linux
Tools: Git, Postman, Firebase, Power BI, VS Code, Swagger/OpenAPI

PROFESSIONAL EXPERIENCE

Software Developer – Full Stack & AI Solutions   Sep 2022 – Present
NIIT Ltd   *Gurugram, India*

- Architected and maintained scalable full-stack applications using **ASP.NET Core** and **ReactJS**, supporting high-traffic enterprise environments.
- Optimized database performance through advanced indexing and query refactoring, reducing API latency by **35%**.
- Integrated **OpenAI APIs** to automate internal business processes, including intelligent document summarization and chatbot support.
- Built and secured RESTful microservices handling **10,000+ daily requests** with JWT and Role-Based Access Control (RBAC).
- Streamlined deployment cycles by **40%** through the implementation of **Docker** containerization and **GitHub Actions** CI/CD pipelines.
- Collaborated in Agile sprints to deliver modular, maintainable code aligned with strict production standards.

PROJECT EXPERIENCE

AI-Powered GitHub Profile Analyzer   **[Live Demo]**
ReactJS, Node.js, OpenAI API, LangChain, MongoDB

- Developed an agentic AI system that analyzes GitHub repositories to extract technical proficiency and generate developer insights.
- Leveraged **LangChain** for LLM orchestration and engineered custom prompt templates to achieve 95% accuracy in data parsing.
- Improved application efficiency by implementing an intelligent caching layer, reducing API costs and latency by **50%**.

Educational Website Platform (Production Grade)   **[Live Demo]**
Vite, React.js, Node.js, Express.js, JWT, OTP, MongoDB

- Designed a full-featured educational CMS with SEO optimization and sub-second page loads using **Vite**.
- Engineered a secure authentication flow utilizing **OTP-based verification** and encrypted session management.
- Managed data modeling in **MongoDB**, ensuring scalable performance for dynamic course content and user records.

Blog Management Platform   **[Live Demo]**
MERN Stack, Appwrite, Redux Toolkit, Tailwind CSS

- Built a multi-user blogging platform featuring real-time updates and secure media storage via **Appwrite**.
- Implemented complex state management using **Redux Toolkit** to ensure a seamless, reactive user experience.
- Created a responsive, modern UI with **Tailwind CSS**, focusing on accessibility and performance.

EDUCATION

Bachelor of Technology (Computer Engineering)   2018 – 2022
Mumbai University | CGPA: 7.3 / 10

CERTIFICATIONS

- **AI-Powered Applications:** Deep Dive into OpenAI, LangChain, and LLM Workflows.
- **Full Stack Development Mastery:** Comprehensive training in MERN, ASP.NET Core, and Cloud DevOps.

LANGUAGES

English (Professional) | Hindi (Native)