

Manpreet Singh

Senior Full-Stack Developer & Technical Lead 📍 Remote | 📞 +91 97838 70541 | ✉️ manpreetsingh70.it@gmail.com [🔗 Portfolio](#) | [🔗 LinkedIn](#) | [🔗 GitHub](#)

Professional Summary

Senior Full-Stack Developer and Technical Lead with over 7+ years of experience in architecting and delivering scalable digital solutions. Expert in Python/Django and React/Next.js ecosystems, with a proven track record of managing 150+ projects and leading technical teams to success. Specialized in building high-performance SaaS platforms, real-time systems, and complex enterprise architectures with a focus on clean code and security.

Technical Arsenal

Category	Skills
Frontend	React.js, Next.js, Vue.js, TypeScript, Tailwind CSS, Redux, JavaScript (ES6+)
Backend	Python, Django, Django REST Framework (DRF), FastAPI, Node.js, Express.js
Databases	PostgreSQL, MySQL, MongoDB, Redis, Supabase
Cloud & DevOps	AWS (EC2, S3), Docker, CI/CD, Kubernetes, Linux, Ansible, Heroku
Real-time & APIs	WebSockets, REST APIs, OAuth/JWT, API Security, GraphQL
Methodologies	Agile/Scrum, TDD, System Design, Microservices, Clean Architecture

Professional Experience

Full Stack Engineer | Freelance | *Dec 2022 – Present (3 yrs 4 mos)*

- Architecting and delivering end-to-end full-stack applications for global clients, focusing on scalability and performance.
- Leveraging **React.js**, **JavaScript**, and modern frontend stacks to build intuitive, high-conversion user interfaces.
- Developing secure and robust backend services using **Python** and **Django**, ensuring seamless data flow and API integrity.
- Managing the complete product development lifecycle, from initial requirement gathering to final deployment and maintenance.
- Providing technical consultancy to startups on choosing the right tech stack for their MVPs and scaling strategies.

Technical Lead | Rayon Web Solutions (Freelance) | *Mar 2024 – Jan 2026 (1 yr 11 mos)*

- Led the technical direction and development of complex client projects, specializing in **Redux.js**, **React.js**, and **Django**.
- Architected real-time systems and scalable SaaS platforms for diverse industries including EdTech and Publishing.
- Mentored junior developers and established best practices for code quality, documentation, and testing.
- Collaborated directly with stakeholders to translate business requirements into high-level technical designs.
- Optimized development workflows by implementing CI/CD pipelines and automated testing suites.

Python Developer | Ameotech Informatics (Full-time) | *Jan 2021 – Dec 2022 (2 yrs)*

- Developed enterprise-grade backend systems using **Django** and **Python**, focusing on high availability and performance.
- Designed and optimized complex RESTful APIs, improving data processing efficiency and reducing latency.
- Worked closely with frontend teams to ensure seamless integration of backend services with modern UI components.

- Contributed to system design discussions and implemented security best practices for sensitive data handling.
- Participated in regular code reviews and sprint planning sessions in an Agile environment.

Python Developer | Vidya Pranali (Full-time) | *Nov 2019 – Dec 2020 (1 yr 2 mos)*

- Built and maintained Python-based backend services for educational web applications.
 - Managed cloud infrastructure and deployments using **Amazon EC2**, ensuring 99.9% uptime.
 - Improved application stability through rigorous debugging and performance tuning of database queries.
 - Collaborated on the development of interactive learning tools and student management systems.
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Key Projects & Impact

Banking Quest (EdTech Platform)

- **Role:** Lead Full-Stack Developer
- **Impact:** Built an IIBF-accredited learning platform serving **500,000+ learners**.
- **Tech:** Django, Next.js, PostgreSQL, AWS.
- **Outcome:** Achieved high platform reliability and scalable learning infrastructure.

Play Quiz Now (Real-Time Gaming)

- **Role:** System Architect & Developer
- **Impact:** Developed a real-time multiplayer quiz system with live scoring and analytics.
- **Tech:** WebSockets, Django, Redis, React.
- **Outcome:** Scalable WebSocket architecture supporting thousands of concurrent users.

DiMO (Publishing Management SaaS)

- **Role:** Backend Architect
- **Impact:** Created a cloud-based system for real-time data synchronization across distribution workflows.
- **Tech:** Python, Docker, Ansible, Django.
- **Outcome:** Reduced manual errors and improved operational efficiency for publishing houses.

Allen & Unwin / Murdoch Books (E-Commerce)

- **Role:** Frontend Lead
 - **Impact:** Architected high-performance e-commerce storefronts with advanced search and filtering.
 - **Tech:** Vue.js, Django REST Framework, Python.
 - **Outcome:** Improved user engagement and faster browsing/checkout experiences.
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Services & Expertise

- **Full-Stack Web Development:** End-to-end application development using modern frameworks.
 - **API & Backend Architecture:** Scalable RESTful APIs and robust backend systems.
 - **SaaS & MVP Development:** Rapid iteration and scalable architecture for market-ready products.
 - **AI-Powered Applications:** Integrating cutting-edge AI capabilities into web solutions.
 - **Performance Optimization:** Making applications faster and more efficient for better ROI.
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Education

Bachelor of Arts (BA) Maharaja Ganga Singh University, Bikaner | 2018 – 2020

- **Grade:** 75%
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Certifications & Achievements

- **100% Client Satisfaction** on Upwork with a 5.0/5.0 average rating.
- Delivered **150+ production-ready projects** for global clients.
- Expertise in **Clean Code Architecture** and **Scalable System Design**.
- Proven ability to lead technical teams and manage complex project lifecycles.