

Samir Pandey

Full-Stack Developer & UI/UX Designer

Contact Information

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Professional Summary

I'm a passionate full-stack developer who loves turning ideas into reality through code. With a strong foundation in both front-end and back-end technologies, I create seamless digital experiences that users love. I specialize in building scalable web applications, automation solutions, and modern user interfaces using cutting-edge technologies.

Technical Skills

Frontend Development

- **React** (90%) - Advanced component development, hooks, state management
- **TypeScript** (85%) - Type-safe development, interfaces, generics
- **JavaScript** (90%) - ES6+, modern JavaScript features
- **HTML/CSS** (95%) - Semantic HTML, responsive design
- **Tailwind CSS** (88%) - Utility-first CSS framework

Backend Development

- **Python** (85%) - Web development, automation, data processing
- **Django** (80%) - Full-stack web framework, ORM, admin interface
- **FastAPI** (85%) - Modern API development, async programming
- **Flask** (85%) - Lightweight web framework, microservices

Database & Cloud

- **PostgreSQL** (80%) - Relational database design, optimization
- **AWS** (75%) - Cloud services, deployment, infrastructure
- **Docker** (70%) - Containerization, microservices architecture
- **Nginx** (65%) - Web server configuration, reverse proxy

DevOps & Tools

- **Git** (90%) - Version control, collaboration, branching strategies
- **CI/CD** (75%) - Automated deployment, pipeline management
- **Linux** (80%) - System administration, shell scripting
- **Automation** (85%) - RPA, scripting, process optimization
- **Testing** (70%) - Unit testing, integration testing

Additional Skills

- Responsive Design, Performance Optimization, SEO, Accessibility
- Agile/Scrum, Problem Solving, Team Collaboration, Code Review
- API Design, Microservices, Serverless, GraphQL

Currently Learning

- **Next.js 14** - React framework with server-side rendering
- **Cybersecurity** - Security best practices, vulnerability assessment
- **Flutter** - Cross-platform mobile development

Professional Experience

Full Stack Developer

QuickFox Consulting | Kathmandu, Nepal | July 2024 - Present




Key Responsibilities:

- Built and maintained multiple client projects using modern web technologies
- Collaborated with design and product teams to deliver high-quality solutions
- Implemented CI/CD pipelines for automated deployment
- Developed scalable backend APIs and frontend interfaces

Technologies Used: React, Django, FastAPI, Python, Docker, AWS, PostgreSQL, Redis, RabbitMQ

Key Achievements:

-  Deployed complete project successfully

-  Implemented CI/CD pipeline reducing deployment time by 60%
-  Reduced bug reports by 60% through improved testing and code quality
-  Delivered 5+ client projects on time and within budget

Python Automation Intern





QuickFox Consulting | Kathmandu, Nepal | April 2023 - July 2023

Key Responsibilities:

- Developed Python automation scripts for data extraction, cleaning, and analysis
- Built RPA (Robotic Process Automation) bots to automate repetitive processes
- Created data processing pipelines for business intelligence

Technologies Used: Python, PDF, PyPDF2, Numpy, Pandas, Scikit-learn, RPA, Selenium

Key Achievements:

-  Built 50+ RPA bots for various business processes
 -  Developed 10+ Python-based automation scripts
 -  Improved data processing efficiency by 80%
 -  Reduced manual work hours by 70%
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Projects

QuickCCA - Full-Stack Web Application

Description: A comprehensive Cheque Clearing Application built with Django and React. Features include user authentication, cheque clearing, integration with 3rd party APIs and databases.

Technologies: Django, React, PostgreSQL, Selenium, RPA, Redis, RabbitMQ

Key Features:

- User authentication and authorization system
- Cheque processing and clearing functionality
- Third-party API integration
- Real-time data synchronization
- Automated workflow management

Links: [GitHub](#) | [Live Demo](#)

OCR Service - API Service

Description: OCR Service for extracting text from images and documents. Built with FastAPI and Hugging Face models for high-accuracy text extraction.

Technologies: FastAPI, Transformer, Python, Docker, Pics2Struct, Donut

Key Features:

- Image and document text extraction
- Multiple format support (PDF, JPG, PNG)
- High-accuracy OCR using AI models
- RESTful API with comprehensive documentation
- Docker containerization for easy deployment

Links: [GitHub](#) | [Live Demo](#)

Portfolio Website - Frontend

Description: A modern, responsive portfolio website built with React and TypeScript, featuring smooth animations and dark mode support.

Technologies: React, TypeScript, Tailwind CSS, Framer Motion

Key Features:

- Responsive design for all devices
- Dark mode toggle functionality
- Smooth scroll animations
- Contact form with EmailJS integration
- SEO optimized

Links: [GitHub](#) | [Live Demo](#)

RPA Orchestrator Platform - Full-Stack

Description: An orchestration platform for RPA Bots that manages bot deployment, task scheduling, and monitoring. Built on Django and React.

Technologies: React, Django, RabbitMQ, Redis, Docker, Selenium

Key Features:

- Bot management and deployment
- Task scheduling and monitoring
- User authentication and role management
- Real-time bot status tracking
- Scalable microservices architecture

Links: [GitHub](#) | [Live Demo](#)

QuickSamachar - Full-Stack

Description: A news aggregation application that scrapes news from various websites and provides summaries. Built with Flutter and FastAPI.

Technologies: React, Django, RabbitMQ, Redis, Docker, Selenium

Key Features:

- Automated news scraping from multiple sources
- AI-powered news summarization
- Real-time news updates
- User-friendly interface
- Content categorization

Links: [GitHub](#) | [Live Demo](#)

Movie Recommendation System - Full-Stack

Description: A machine learning-based movie recommendation system built with Python and Flask.

Technologies: Python, Flask, Pandas, Numpy, Scikit-learn

Key Features:

- Collaborative filtering algorithms
- Content-based recommendations
- User preference learning
- Interactive web interface
- RESTful API endpoints

Links: [GitHub](#) | [Live Demo](#)

Education

Bachelor of Science in Computer Science and Information Technology

Tribhuvan University | Kathmandu, Nepal | 2021 - 2025

Relevant Coursework:

- Software Engineering and Design Patterns
- Data Structures and Algorithms
- Database Management Systems
- Web Development and Programming
- Machine Learning and AI
- Computer Networks and Security

Capstone Project: E-commerce Platform - Developed a full-stack e-commerce solution with payment integration and inventory management

Certifications & Achievements

- **AWS Certified Developer Associate** (In Progress)
 - **Django REST Framework Certification** (2024)
 - **React Developer Certification** (2023)
 - **Python Programming Certification** (2023)
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Professional Statistics

- **Projects Completed:** 5+
 - **Years of Experience:** 3+
 - **Technologies Mastered:** 15+
 - **Client Satisfaction:** 100%
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Languages

- **English** - Professional working proficiency
 - **Nepali** - Native proficiency
 - **Hindi** - Conversational proficiency
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Interests & Activities

- Open source contribution and community involvement
 - Tech blogging and knowledge sharing
 - Participating in hackathons and coding competitions
 - Learning new technologies and frameworks
 - Contributing to developer communities
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References

Available upon request.

This resume is generated from my portfolio data and reflects my current skills and experience. For the most up-to-date information, please visit my portfolio website or contact me directly.