

Apnatva Singh Rawat

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SOFTWARE DEVELOPER | UI/UX DESIGNER | STORYTELLER

SUMMARY

Software Developer with over two years of experience in developing robust backend systems and standalone applications. My engineering background has instilled in me the skills to plan meticulously, construct with precision, and iterate until success is achieved. Recently, I have expanded my expertise to web application development, which has rekindled my passion for creativity, reminiscent of the joy I found in drawing and building with Legos. This inspiration has led me to embark on a freelance career, crafting dynamic websites. As an avid storyteller, I am eager to create more personal designs, recognising that UI/UX is a powerful tool for conveying the narratives of individuals and brands. In the era of AI, exceptional design will be a key determinant of success, and I am committed to crafting meaningful digital experiences for both current and emerging wearable technology.

EDUCATION

TRINITY COLLEGE DUBLIN — OCT 2023

Bachelor of Engineering, Computer Engineering - First Class Honours/1:1

TECHNICAL SKILLS

Programming and Tools: Python, TypeScript, SQL, React, Git, Bash

Others: Linux, Scrum, Azure, Kafka, Docker, Kubernetes, Bitbucket CI/CD, Jenkins, Helm, Loki, Prometheus, Grafana, REST APIs, POSTMAN, Anaconda, PyTorch, TensorFlow, Pandas, NumPy, Beautiful Soup, Selenium

EXPERIENCE

MOTILAL OSWAL FINANCIAL SERVICES LTD. — JUN 2025 - NOW CONTENT & BRANDING

- Created and managed static posts and short-format videos for social media platforms. Performed analysis and weekly reporting of content performance using insights from each platform.
- Analysed and presented user interaction & journey data on company services using *CleverTap* and *PowerPoint*.

FREELANCING — SEP 2024 - NOW FULL-STACK DEVELOPER

- Architected a full-stack *Next.js (React)* app using *JavaScript (JSX)* & *TypeScript* to build dynamic webpages with *PayloadCMS* to enable quick changes enabled via an *ORM (PostgreSQL)* storing data in an *S3 Bucket*.
- Managed versions via *Git(Hub)* and deployed on Vercel enabling SSR, Static Pages, and Dynamic Page Creation optimising storage and ORM via Supabase to minimise loading times and improve SEO.

PYTHON DEVELOPER

- Developed a *Python*-based *Windows* standalone application to automate consolidation of financial data with over \$10M in yearly transactions, utilising *Pandas* for data manipulation and *Tkinter* for GUI development.
- Reduced processing time to consolidate *Excel* tabular data from 5 days to ~17 minutes, generating 11 reports to aid auditors in analysing and providing valuable insights.

AVAYA INTERNATIONAL — MAY 2023 - JUL 2024 JUNIOR CLOUD ENGINEER

- Maintained a multi-tenanted *Kubernetes*-based web application with 16 *Docker* containerised *Go* and *Java* micro-services integrated with *Kafka* deployed on *Azure Cloud*, requiring 99.9% uptime across multiple regions.
- Led development of 2 new full-stack features handling the entire backend and QA pipeline development.

MOUNT TECHNICS CONSULTANCY — MAY 2022 - AUG 2022 SOFTWARE DEVELOPER

- Engineered an automated data pipeline using *Python* and *Selenium* to scrape multiple sites, clean and compile data into an *SQL* database for sentiment analysis in ~2 minutes, removing manual intervention by 95%.
- Collaborated 1:1 with the manager to learn good development principles and planning in an agile manner.

PROJECTS AND CERTIFICATIONS

- **AI Traffic Control System** - PyTorch, Deep Learning, AI Pipelines for Python integrated decision driving.
- **FreeCodeCamp Machine Learning Certificate** - Python, TensorFlow, PyTorch, Keras, NLP, Neural Nets.
- **Automate the Boring Stuff Certificate** - Selenium, Beautiful Soup, Excel Automations, Regex, Web Scraping.
- **Formula Trinity** - Git, Linux, Deep Reinforcement Learning, OpenCV, PyTorch.
- **Cyclistic Data Analysis** - Shell, SQL, Python, Pandas, NumPy, Excel, Tableau, PowerPoint.
- **Google Data Analytics Certificate** - SQL, R, Tableau, Statistical Analysis, Data Analysis and Visualisation.