Mainak Chaudhuri

Python Full Stack Developer

Dynamic **Python Full-Stack Developer** with **3+ years** of **experience** crafting state-of-the-art scalable **websites**. Expert in front-end and back-end development using **React**, **DRF, Django**, **Streamlit**, **Django ORMs** and **SQLite**. Adept at developing **RESTful APIs**, managing databases, and implementing responsive UI. Proven ability to deliver high-quality solutions to complex technical problems.

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mainakchaudhuri.netlify.app/

github.com/MainakRepositor | github.com/MainakVerse

WORK EXPERIENCE

Software Development Engineer
Happy People AI LLP

08/2024 - Present　　　　　　　　　　　　　*Remote*

Achievements/Tasks

- Designed and implemented responsive web applications using **React** and **Django**, improving **user engagement** by **30**%
- Developed and **optimized** RESTful APIs with **Django** and **DRF**, enhancing **backend** **performance** by **25**%
- Collaborated with a AI developer team through **AWS lambda functions** and streamline data flow **increasing sales** by **58**%

Technical Analyst
Deloitte USI

08/2023 - 07/2024　　　　　　　　　　　　　*Kolkata*

Achievements/Tasks

- Worked with **Lightning Web Components** and **DRF** based **Fast API** improving responsiveness of client website, resulting in **18**% *increase of traffic retention*.
- **Improved** lead **interaction** with advanced **UI / UX** resulting in **7**% **weekly hike** in visit rate.
- Conducted **unit** and **integration testing** on **Salesforce Cloud**, achieving **95**% test coverage.

Founder
Supernova

01/2022 - 07/2023　　　　　　　　　　　　　*Remote*

Achievements/Tasks

- Developed **100+** **websites** and **online services** for **150+** clients using **React**, **Django** and **Supabase** improving **digital presence** by **85**% and improved **SEO** by **68**%
- **Reduced under-utilization** of resources and automated business processes causing **revenue soar** by **45**%
- Automated deployment pipelines using Jenkins, **reducing deployment time** by **20**%

EDUCATION

Bachelor of Technology (B. Tech)
SRM Institute of Science & Technology, Chennai

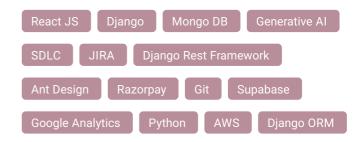*06/2019 - Present*　　　　　　　　　　　　　*8.5 CGPA*

Computer Science Engineering

- Django
- Generative AI Research
- Canva
- REST API

SKILLS

React JS　Django　Mongo DB　Generative AI

SDLC　JIRA　Django Rest Framework

Ant Design　Razorpay　Git　Supabase

Google Analytics　Python　AWS　Django ORM

PERSONAL PROJECTS

AHURA - AI Content Generator (01/2025 - 02/2025)
- Built a **scalable** online content generation platform using **Generative AI (Google Gemini API)** saving **80**% time with **7** types of generation.
- Mobile responsive and light-weight, **ranking 90** in **SEO** and **98** in **performance** as per **Google Lighthouse** reports.

Prescription Analyzer & Drug Alarm (12/2024 - 01/2025)
- Converts illegible handwriting into text with prediction of dosage with the help of **API**s generated with **Lambda functions**.
- Reminds drug timings with Alarms using **CRON-Jobs** and allows to **upgrade** to **premium** features with **Razorpay** integrations.

Bazaaroo - Economic Ecommerce (02/2025 - 02/2025)
- Crafted an efficient **full-stack ecommerce website** with **admin panel**, **user dashboard, ordering**, **payments** and **authentication** using **Django**, **Framer, Stripe** and **Google Sheet**, reducing build time by **80**%.
- **Reduced** query **complexities** with Excel Formulae by **70**%, **reduced operation costs** by **97**% and **improved performance** by **15**% as per **google-light-house** metrics.
- Heavily runs on **Django Rest Framework**, thus enabling use of **dynamic models** with **25**% **improved accuracy** over **tensorflow JS.**

CERTIFICATES

Certified Serverless Cloud Developer (01/2025 - 01/2025) ↗

Certified GitHub Developer (09/2024 - 09/2024) ↗

Canva Certified Designer (08/2024 - 08/2024) ↗

Certified Google Analytics Integrator (07/2024 - 07/2024) ↗

Certified Python Developer (06/2021 - 07/2021) ↗