

Prajval Santosh Chavan

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Skills

- Languages: **Python (Advanced), JavaScript (Intermediate)**, C, C++, HTML, CSS, JSON, XML **Django**,
- Frameworks: **React.js, AngularJs**, REST API, **Docker**, Celery worker, Celery Beat
- Databases: **MySQL, SQLite**, PostgreSQL
- Tools: **Git, Postman, IIS, Swagger**, Google cloud (Storage / Bucket /Function), **AWS**
- Methodologies: **Front-end** Development, Agile, **Back-end** Development, Unit Testing

Experience

Python Engineer - Finoit Technologies

7th November 2023 - Present

- **Developed** and **optimized** a scalable research **paper-building web app** featuring **AI functionalities**.
- **Led** backend development using Django Rest Framework and enhanced frontend efficiency with React.
- **Integrated NLP** capabilities via **Google Cloud Functions** and implemented PDF-to-JSON conversion for large datasets.
- Achievement: **Reduced** App response time by **40%** with efficient backend algorithms.

Web Developer - Webtech Developers

22nd March 2021 - 9th October 2023

- **Designed** and **built** a scalable **e-commerce product management system** using Django, HTML, CSS, and JavaScript.
- **Enhanced** user experience and **improved** mobile engagement by **25%** through **responsive design**.
- **Led** the development of a **quiz management system with advanced question types** and **robust security**.
- **Achievement: Decreased** bounce rates by **20%** and reduced quiz creation time by **40%**.

Projects

Quiz Maker (Django Rest Framework, React)

- **Developed** a **secure quiz management system** with diverse question types.
- **Implemented** features like **real-time scoring** and **user privacy measures**.
- **Improved** efficiency by streamlining backend algorithms.

E-commerce Product Management Site (Django, Ajax)

- **Built** an intuitive platform for browsing, order management, and **secure transactions**.
- **Integrated** responsive design principles, enhancing mobile usability.

Android Screen Stream (React)

- **Created** a web app for **remote Android screen sharing**, control, and recording.
- **Delivered** real-time sharing capabilities and a responsive, **user-friendly interface**.

Research Paper Builder (Django Rest Framework, React)

- **Engineered** key features such as PDF-to-text conversion, **keyword identification**, and **structured document flow**.
- **Utilized** advanced **NLP techniques** for document analysis.

Temp File Host (Django, React) [link](#)

- **Developed** a **temporary file upload platform** with **auto-expiry** functionality using **Celery**.
- **Hosted** frontend on GitHub Pages and backend on **AWS**.

Education

Rasiklal M Dhariwal Sinhgad School of Engineering, Pune

B.Tech/B.E - Computer Engineering - SPPU (7.1 CGPA)

STES's Sou. Venutai chavan polytechnic, Pune Diploma -

Computer technology - MSBTE (67%)

(Aug 18 - May 21)

(Jun 15 - Jul 18)