Afzal Saiyed

Highly motivated self-taught full stack developer familiar with development and deployment process of many web-based technologies such as JavaScript, Typescript, React, Nextjs, Python, Django, , Nodejs, Express, SQL etc.

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Technical Skills

- **Programming Languages:** JavaScript, TypeScript, Python , VBA.
- **Frameworks:** React, Next.js, Express, Django, Django REST Framework, jQuery.
- **Web Technologies:** HTML, CSS, SCSS, REDUX, SWR, Bootstrap, Tailwind CSS ETC.
- **Testing:** Jest, react-testing-library, enzyme, Pytest
- **Database:** PostgreSQL, MySQL, Redis.
- **Operating System:** MacOS , Linux , Windows.
- **Tools and Software:** VSCODE, PyCharm, IntelliJ Idea, Git CLI, GitHub, Docker, Docker-compose, AWS, Postman.
- **Web-Server:** Familiar with the deployment process of Django application using Apache/mod_wsgi, Nginx/gunicorn, Nginx/uwsgi.

Recent Projects

Full Stack Ecommerce platform

- Used React with Nextjs and Typescript for Front-end along with HTML, CSS, and SCSS, Tailwind CSS
- Used Django/DRF and Node/Express to Create Backend Restful API
- Used Postgres as Database and Redis for Caching queries results and for creating Product Recommendation Engine.
- Implemented JWT based authentication system with Custom User and HTTP Only Cookie
- Used Session To create User Cart and Coupon System.
- Created Cursor based Pagination for handling big dataset efficiently.
- Used Celery to generate Invoice and Send it via Email asynchronously on Successful order
- Integrated Razor pay Payment Gateway.
- Deployed backend on linode.com with NGINX, UWSGI
- Deployed frontend on vercel.com

Live Project Link: https://cartdrop.afzalsaiyed.in

Frontend Repo: https://github.com/gmrzone/cartdrop

Backend Repo Python: https://github.com/gmrzone/cartdrop-api

Backend Repo Node: https://github.com/gmrzone/cartdrop-api-new

GitHub profile for more projects: https://github.com/gmrzone

Work History

Patch Infotech. (client Kroger) --- *Senior Software Engineer.*
August 2021 – Now

Roles and Responsibilities
- Working on internal CMS that serves content to multiple Kroger's Ecommerce Web app.
- Coding design Mock-ups into pixel perfect, user Interface using Typescript, React, Nextjs, Redux, SCSS etc
- Created Nested Form Components from JSON Schema and validated the same using AJV.
- Deliver bug free and quality code by applying the best development practices.
- Strong Experience working on Nodejs/Express and Python/Django.
- Good knowledge of database like Postgres, MySQL etc.
- Writing Unit test using Jest, React-testing-library/Enzyme and Pytest.
- Create Python scripts that runs on Cronjob to interact with the database and perform CRUD operations, Generate Reports, send messages using Twilio etc.
- Experience in working with Python ORM Libraries including Django ORM, SQLAlchemy etc.
- Worked on Amazon Web Services such as EC2, S3, SSM, and Cloud Watch
- Extensively used Git for version controlling and regularly pushed the code to GitHub.
- Worked on an Agile (Scrum) Development Team to deliver regular updates to the business team and project managers.

Freelancing. --- *Full stack Developer.*
JAN 2019 - July 2021

- Primary responsibility included Developing, Maintaining and Optimizing Web based application using Python/Django or NodeJS/express for Backend and JavaScript/React for Frontend
- Migrated existing Web application to a Stable, High Performance, Maintainable one.
- Visualize data coming from an API to charts using React and chart.js
- Coding design Mock-ups into pixel perfect, cross-browser compatible, search engine friendly Websites
- Developing a single responsive website that could be served to desktop, Tablets, and mobile users using React.js, Nextjs, Redux, SCSS, etc
- Deploying the Nodejs or Django application to cloud platforms such as AWS, Digital ocean, Linode etc
- Designing the mocks on Figma and then turning it to react code.
- Fixing existing bugs/Defects for the clients.
- Integrated with third-party services such as Razor pay, stripe, Twilio etc

Other Skills
Installing and troubleshooting an operating system (Windows, Linux), Adobe Photoshop, Adobe Illustrator, Figma, Advanced Excel With Formulas, VBA and Computer Hardware and Networking.