Dhanesh Phulphagar

Fullstack Software Developer

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Relavant Experience

SDE-1 @ marchtee.com

September-2023 - present // Pune, India

During my tenure at MarchTee.com, an e-commerce t-shirt brand, I contributed to numerous high-profile projects as a Developer.

1. Integrated role-based user operations, authentication, and activity logs in Backstage V2.
2. Implemented full-text-search using vectors on PostgreSQL fields.
3. Enhanced Pickup Mail service with carrier API integration, reducing return queries by 90%.
4. Introduced weight-based shipping adjustments and user-friendly checkout for accurate shipping charges.
5. Developed a highly efficient backend for the March Sale 23, reducing response time by 20%.
6. Optimized critical functions for sale size layout mapping, achieving a 30% performance increase during peak sales.
7. Established an OTP login system for enhanced security on the order page.
8. Utilized AI to tag Helpscout mails and draft replies, optimizing support team efforts.
9. Ventured into AI with OpenAI, utilising machine learning to tag Helpscout mails and draft replies, reducing support team efforts on common FAQs, optimising time. Successfully deployed two custom models after fine-tuning.
10. Developed an internal dashboard for checkout payment gateway performance.Integrated multiple payment gateways using Svelte and Django for faster decisions.

Progammer Analyst - Servicenow Infra Developer @ Cognizant

February-2021 - June 2022 // India

Achieved ServiceNow Certified System Administrator and Application Developer certifications.

1. Developed an Organisational Vaccination Survey project using ServiceNow and REST Framework, integrated with the COWIN API.
2. Collaborated with prominent clients like Walmart, playing a key role in mainframe migration projects, showcasing expertise in legacy system transformation and modernization.
3. Highlighted by professional development, technical excellence in ServiceNow, API integrations, and successful collaborations with high-profile clients during my tenure at Cognizant.

Research Intern @ CDAC

January-2020 - April 2020 // Pune, India

At CDAC, I focused on exploring and implementing Text-to-Speech (TTS) models:

1. Researched NVIDIA and Mozilla's TTS models.
2. Reimplemented Mozilla's TTS for the Odia language, including data pre-processing.
3. Implemented DeepMind's WaveRNN model in PyTorch as a vocoder for TTS.

Skills

Programming Languages

Python, Javascript, HTML, CSS, C++, C

Libraries & frameworks

Jquery, ReactJS, NextJS, Flask, Django, Django Rest Framework, SvelteJS, SveleteKit

Tools and Platforms

Git, Github, Postgresql, MongoDB, Openai API, OpenAPI, Swagger

Core Subjects

Data Structures and Algorithms, Database Management System, Operating System, System Design

Education

Pune University

2017 - 2021 // Pune, India

Bachelor of Engineering, Information Technology

Nowrosjee Wadia College

2015 - 2017 // Pune, India

HSC - Science

Projects

Gemald Ecommerse

E-commerce platform for paintings with payment gateway, admin portal, and role-based access
Tech Stack - MongoDB, Express.JS, ReactJS, NodeJS

Fitbuddy

User-to-user content filtering recommendation system for fitness enthusiasts using Python. The system matches users based on 5-10 similarity metrics, including cosine similarity and haversine distance.
Tech Stack: Python, Jupyter Notebook, Python UI Widgets.

Covid-19 Tracker

Country Wise COVID-19 Tracker built using ReactJS and the "disease.sh" API
Tech Stack: ReactJS, Javascript, MaterialUI, Firebase