

Deepankar Sharma


Software Engineer


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https://deepankar.online

Profiles

 deepankar
LinkedIn

 cquark7
GitHub

Skills

Languages

Python, TypeScript, SQL, HTML, CSS, Shell

Development

Django + DRF, Hasura, Next.js, React, Flask, Docker, Linux, Cypress, Tailwind

Databases

PostgreSQL, SQLite, MySQL, Redis, MongoDB, Elasticsearch

Platforms & Tools

AWS, Google Cloud, Ansible, Stripe, Postman, Kubernetes, Github Actions, Celery, Nginx, Jenkins

Education

SKIT, Jaipur

2016 - 2020

B.Tech. (Information Technology)

Certifications

Next.js & React - The Complete Guide

Udemy (2022)

Full Stack Web Developer

Nanodegree

Udacity (2020)

Data Structures and Algorithms

Certification (CCDSAP)

CodeChef (2019)

Machine Learning by Andrew Ng

Coursera | Stanford (2018)

Awards

IBM Hack Challenge 2019 winner

Interests

 Mindfulness

 Blogging

 Table-Tennis

 Gaming

Through the last six years, I have built a solid knowledge and practical experience in programming, problem-solving, software development, and other aspects of Computer Science. I use code not only to do my day-to-day job, but also to solve everyday problems I come across.

Experience

Turing | Bridgestone

Senior Backend Engineer (SafetyIQ)

Oct 2022 - Dec 2023

Remote | Contract

- **Serverless Architecture:** Orchestrated the seamless integration of third-party telematics service providers (TSP) APIs, enabling daily data ingestion via Celery tasks and AWS Lambda.
- **Multitenancy:** Engineered a shift from a single-tenant to a multi-tenant architecture, cutting AWS expenses by ~50% and dramatically improving system efficiency and resource utilization.
- **Database Optimization:** Dramatically enhanced query performance by optimizing PostgreSQL for time-series data, achieving up to a 100-fold speed increase and significantly reducing front-end load times.
- **DevOps Automation:** Enhanced developer efficiency by standardizing Python version and dependency management, by implementing open-source tools to automate code style and linting, which minimized cognitive overhead and errors.

Series Code

Full-Stack Engineer

April 2021 - Sept 2022

Remote

- **E-commerce:** Developed the backend of an e-commerce application — data modeling, GraphQL API design, file storage, events, and notifications system.
- **Shipping:** Platform integration with USPS and FedEx for shipping orders, with support for shipping label purchase and package status updates.
- **Frontend:** Designed reusable, responsive and user-friendly components in Next.js utilizing Tailwind CSS, Formik and Yup. Introduced Cypress testing framework to write integration tests.
- **Payments:** Worked on payment gateway integration using Stripe API, so customers can purchase product subscriptions.
- **Hot Backups:** Built a service to perform regular non-blocking backups of MySQL database, and deployed it as Kubernetes CronJob.
- **Collaboration:** Reviewed work done by team members, maintained project documentation, and helped new team members get started.

AppPerfect | Verizon SDP

Software Engineer

Dec 2019 - April 2021

Udaipur

- **Auth - RBAC:** Used Shibboleth Single Sign-On architecture with OpenLDAP to implement SAML authentication with multiple identity providers.
- **Fleet Manager:** Service for checking device security and calculating trust score. Supports live queries, streaming logs, and effective management across 100,000+ servers and workstations.
- **Endpoint Visibility:** Built a cross-platform endpoint visibility application to query relevant information from fleet managed devices, such as antivirus presence and status, certificate validity, insecure apps, etc.
- **Leadership:** Worked closely with product managers to strategize product design and implementation; mentored junior developers, interviewed prospective employees, and participated in code-reviews.

PeoplePerHour

Python Developer

Nov 2017 - April 2019

Remote | Freelance

- Successfully delivered more than a dozen small scale projects related to data analytics and web scraping with 100% job success score.
- **Notable projects:** Movie Script Analyzer, E-Book Search Aggregator