



Anil

Backend Developer & DevOps Engineer

An aspiring tech-enthusiast with a diverse set of toolset to manifest possibilities into technical realities. Special Expertise in sculpting I.T Infrastructures for deploying highly-available and scalable web applications on Linux Servers. Loves the art of optimising and enhancing Business Logic & S.O.P.

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📄 digitalexistence

PERSONAL PROJECTS

eCommerce Business ERP

- A complete bottom-up Enterprise System to manage every use-cases for ecommerce businesses. In-built modules for optimal reporting & alert systems. Backend development was done in a front-end agnostic way hence various different frontend technologies can be integrated to the backend for both web and mobile frontends.

Mobile Banner Ads Crawler & Scraper

- Developed an web-crawler which uses web-kit browsers to crawl the internet as an actual real user and scrape advertisements shown on the web-page to further study the collected data for business ideas and new trends.

Motion Detector Web Application

- Developed web application which received webRTC data-streams from active camera, either on the laptop or other IP Camera setup to analyse each frame and automatically detect any motion that occurs. System automatically captures and image during motion detection for further scrutiny.

Telegram Bots

- Used MProto API by Telegram to create custom bots which can handle dynamic inputs and generate real-time alerts & custom output. A web UI was generated to operate bots via an web-app.

and many more!

ACHIEVEMENTS

Captured The Flag @ Stripe CTF 2.0 Contest

Over 16,000 web security enthusiasts try to break into web-applications by cracking pre-existing security flaws in them to move to the next puzzle & Eventually capture the flag at the end of all puzzles.

Ranked University 1st during M.C.A Post-Graduation

Managed to achieve highest percentile during 3rd semester during my post-graduation exams at Gujarat Technological University.

Handled 1,00,000+ simultaneous web connections on a viral project for a client

Managed to keep the servers running at optimal load rate while handling 1,00,000+ simultaneous connections. Heavy use of in-memory cache tweaks and nginx server configurations were done to achieve this.

SOFT SKILLS

Fluent Communication

Problem Solving

Cognitive Flexibility

Enhanced Grasping Power

CONFERENCES

KDE India conference 2014

KDE - DA-IICT

- One of India's largest International Open source conferences for Open source contributors and enthusiasts to meet up, share their knowledge, contribute & learn.

Venturebeat Transform

A.I, Machine Learning Ops & Data Science.

TECHNICAL SKILL-SET

- 📁 Web Development
- 🚀 DevOps
- 🌐 Web Scraping
- 🚀 Web Optimization
- 🎯 Web Security
- 📊 JAMStack
- 📦 Data Analytics
- 📈 Digital Advertising
- 🔍 SEO/SEM
- 📁 AWS Management
- 🔧 Embedded Systems

TECH ABILITIES

Scalable & Resilient Web-Application Development

Python, Django, Django Rest Framework, & Flask.

Process Queue & Cache Frameworks

RabbitMQ, Redis, Huey, Memcached & Varnish.

Database Management & Optimisation

PostgreSQL, SQLite & MySQL/MariaDB.

Web Servers

Nginx, Apache, Unicorn & Uvicorn.

DevOps Tools

Supervisor, Vagrant, Prometheus, & OpenVPN.

Scraping Tools & Frameworks

Scrapy, Selenium, urllib, python requests & beautifulsoup4.

Git and C.I

Gitlab CI & Buddy.

Load testing

Locust.

Security Audit Tools

HawkEye, PyUP, & MetaSploit.

SEO Tools

SEMRush, Ahrefs, Ubersuggest, Google Keyword Planner & more.

Advertising Management

Facebook Ads, Native Ads, AdRoll, Google Display Network, Google Search Ads, Universal App Campaigns & Push Ads.

Embeeded Systems

Arduino & Raspberry Pi.

Operating Systems

Debian, Ubuntu, CentOS & Mac OSX