NILANSH BANSAL

Senior Software Engineer at Krunch

Seeking an oppurtunity as a Python Django and a Devops engineer to leverage my diverse skills and experience in product development

Personal Info

Phone

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E-mail

bansalnilansh@gmail.com

Date of birth

1997-03-22

StackOverflow

https://stackoverflow.com/users/8284987

Website

https://nilanshbansal.github.io

GitHub

https://github.com/NilanshBansal

LinkedIn

https://www.linkedin.com/in/nilanshbansal

Skills

C++	●●●○○
Python Django	●●●●○
Web Scraping	●●●●●
Python Scripting	●●●●●
AWS	●●●●○
PostgreSQL	●●●●○
NodeJS Angular	●●●○○
Machine Learning	●●●○○

Education

2015-19 BTech BVCOE **CGPA 8.2**

2015 Class 12   **89%**

2013 Class 10   **CGPA 10**

Achievements

Active Open-Source Contributor at Stackoverflow (Reach ~34K people, 900+ reputation)

Co-founder, VnCrypt (A hybrid video conferencing solution) - Pitched the product prototype to UpGrad.com and received a positive feedback

Launched chrome extension on google webstore "PunTurn - Cringy Dev Puns" which helps in increasing software engineers productivity and reduce stress by randomly generating a fun pun on every new tab.

Experience

Jun 2020 - present

Senior Software Engineer

Krunch

- Participated in the hiring process to hire Jr. Developers.

Aug 2018 - May 2020

Software Engineer

Krunch

- Created backend REST API services for the frontend team in Python Django and wrote asynchronous background tasks in celery.
- Running and managing CronJobs on the servers.
- Managing AWS EC2 deployment and maintenance for the product.
- Created automated scripts to scrape data from different social media platforms and further preprocessing it to be analysed by ML models.
- Created CI/CD Jenkins Pipeline for the product to handle automated deployments and error reporting mechanism.
- Review and test the code of other Jr. Developers.
- Suggested and developed analytical features to entice users to join the platform.
- Pitched the product to potential investors.

Mar 2018 - Jun 2018

Software Developer (Intern)

VOCIQ

Worked on Data Extraction using Python3 and other frameworks such as Scrapy. Also Worked on ReactJS & MeteorJS.

Nov 2017 - Jan 2018

Full Stack Web Developer (Intern)

Noddy's Club

Developed and managed entire website for Noddy's Club using Angular 2, Firebase, AWS.

Jun 2017 - Aug 2017

Software Developer (Intern)

Nxtlife Technologies

Developed Hybrid Apps using Angular 2, Ionic 2, Phonegap. Implemented the entire offline functionality using Pouch DB.

Projects

Ecommerce App

Developed an end-to-end fully functional ecommerce app for SSEnterprises with Product filtering, Discount coupons, Cart checkout and Stripe Payment gateway integration using Python Django. Deployment done on AWS EC2 using gunicorn, nginx with Cloudflare SSL.

Web Scraping (Python)

Experience of Scraping websites such as Crunchbase, Paytm, MouthShut, Amazon, Zomato. Crawled **~23k** pages from TripAdvisor.Used Python Urllib module & Scrapy with Proxy Chaining & Request Headers Modulation.

AI Voice Assistant for Farmers

An app developed in which the farmer could ask any question either through typing or speaking in his native language, the question mapped to the chatbot running in backend which gets the answer in the same language as the input. https://github.com/NilanshBansal/Farmers_Assistant_InnovacerHackathon

QR Code Smart Band Detection

Developed a QR Code based smart band for animal welfare. The band could be scanned to reach the Emergency numbers for the concerned NGOs. The band was also connected to GPS for live tracking. We developed this product for Smart India Hackathon 2018.