

Sarthak Kumar

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WORK EXPERIENCE

Highbreed Corp

May. 2020 – Present

Software Engineer

Pune, India

- Highbreed evaluates new opportunities including capitalization, marketing and technology, to determine potential for success. (highbreed.co)
- Developed, integrated, maintained and deployed backend system
 - Developed fast, secure and reusable RESTful API's
 - Designed reusable generic utilities to apply DRY principles in development
- Integrated Django REST API's with frontend framework such as Angular
- Containerized project using Docker and reduced deploying time by 90%
- Practiced Agile in 2 weeks sprint with other developers

Indian Centre for Development and Rights

Nov. 2019 – April 2020

Django developer Intern

New Delhi, India

- ICFDR is a volunteer-based non-governmental organization, it promotes education for the most marginalized and vulnerable children
- Developed web solutions for the organization and deployed on AWS cloud
- Lead the team of interns for the development and maintaining web services
- Integrated online donation system for the organization using Stripe payment API

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University

July 2021

B.Tech, Majors Computer Science

Greater Noida, India

PROJECTS & OPEN-SOURCE CONTRIBUTIONS

- **Sapera**(github.com/sarthakvk/sapera): Author and maintainer of open-source algorithm learning toolkit written in Python
- **NumPy**: Open-Source contributor in python library for numerical computations
- **Pandas**: Open-Source contributor in data science toolkit for python
- **Flask**: Open-Source contributor in python micro-web framework

SKILLS & INTERESTS

- **Technical Skills:**
 - **Languages:** Python, Golang, JavaScript, TypeScript, C/C++
 - **Frameworks:** Django, Flask, Angular
 - **DevOps:** Docker, Docker, Docker Compose Docker Swarm
 - **Miscellaneous:** Nginx, AWS(EC2, S3, RDS), Redis, PostgreSQL, Celery, Git, Linux, Bash Scripting, Agile
- **Interests:** Reading, Running and Traveling