**Satyajit Barik**

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**About**

* FullStack developer with professional and educational background
* Passionate about my work. I take joy and pride in the work I produce
* Fan and frequent contributor to Open Source projects
* Goal-oriented and can work under pressure with strict deadlines
* I enjoy the challenge of solving hard and interesting problems
* I feel that I am a great people person and find it easy making friends and bonding with my peers

**Technologies**

Experienced knowledge in (Ordered by familiarity):

* Languages: Python, JavaScript, Golang
* Cloud: AWS, Docker, Kubernetes
* Databases: MySQL, Postgresql, MongoDB
* Source Control: Git
* OS: Linux
* Technologies: Django, DjangoRestFramework, AngularJs, ReactJs, Pandas, NumPy, Matplotlib, Socket, Google-Firebase, NLP, Kubernetes, Docker
* Personal interest in cyber security systems.

Quick to learn new technologies and have often dabbled with common languages such as Golang out of pure interest.

**Work Experience**

**BizOrion(Banglore, 2019/12- Present) -Client(Capgemini)**

**Fullstack Developer**

* Lead, designed and developed the Web API backend
* Migrated our API backend from a monolith to its own microservice
* Also responsible for communicating with Quality Assurance, Product Management and User Experience team
* Strong database focus with an administrative role
* Gave several technical talks ranging from security to open source software at our company internal meetup
* Responsible for communicating with customers to understand requirements and generate designs
* Main Technologies: Python, Javascript, Django, DjangoRestFramework, AngularJS, Postgres, Git, AWS-Ec2, Linux, Docker, Kubernetes**.**
* Formed part of the Data Science team with a strong product focus
* Experience maintaining SQL Server databases
* Also formed part of squads focusing on Paid/SEO infrastructure as well as ranking algorithms for product feeds
* Mentored several engineers on how to write effective python code and design reliable backends.
* Focusing on Machine Learning algorithms to solving e-Commerce product management systems.
* Main Technologies: Python, Django, Pandas, NumPy, Matplotlib, SQL, Linux.

**Education**

**Jamia Milia Islamia University- New Delhi**

**M.C.A Computer Science and Artificial Intelligence**

**•** Strong focus on Artificial Intelligence with a solid background in Computer Science

* Developed a technique for “real-time-image-recognization” using OpenCV and Image Processing techniques (Final Year Project / Thesis)

**B.C.A. Computer Science**

Spent first 2 years also enrolled in a B.C.A Mathematics course that gave me a strong analytical and mathematical mindset.

**Open-Source Contributions**

Designer and Maintainer of several GitHub projects

* [Fully e-Commerce Backend API (Python)](https://github.com/sbarikdev/Django-REST)
* [Core-Backend (Python)](https://github.com/sbarikdev/Django-REST)
* [K8s Website](https://github.com/sbarikdev/website)
* [More here...](https://github.com/sbarikdev?tab=repositories)

Contributor to several projects:

* Kubernetes cluster-API Network Site. [(Link)](https://github.com/sbarikdev/cluster-api)
* Kubernetes [containerized applications](https://kubernetes.io/docs/concepts/overview/what-is-kubernetes/) open-source project. [(Link)](https://github.com/sbarikdev/kubernetes)
* Cyber security open source project. [(Link)](https://github.com/Loganinit/python-zaid)
* Also, I have contributed to some open-source hackathon cyber security projects.

I hereby declare that all the above facts are true and best regards of my acknowledged.

- *Satyajit Barik*