

Divyanshu Shekhar

Python Developer (Internship/Full-Time)

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ADDRESS

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PROJECT EXPERIENCE

AutoGit: Sync Remote and Local Computer [Python, Tkinter, Selenium, Shell] December 2019

- Enables users to create, sync, maintain, and delete Github repositories on remote and local computers.
- Implemented a user-friendly interface that allows users to easily manage their Github repositories.
- Utilized Selenium for web automation to automate the process of creating and deleting repositories on Github.
- Ensured seamless synchronization of local and remote repositories using Python's GitPython library to provide a hassle-free experience for users.

Flask Blog: CMS for Blogging [Python, Flask, SQL] December 2019

- Developed a blogging system in Python using Flask and SQL for seamless integration and performance.
- Implemented CRUD functionality allowing users to create, read, update, and delete blog posts with ease.
- Utilized version control with Git and agile methodologies to ensure project success.
- Ensured seamless synchronization of local and remote repositories using Python's GitPython library to provide a hassle-free experience for users.

Blog API : Scalable Backend Solution [Node, Express, MongoDB, Docker] July 2021

- Developed and implemented RESTful API using Express.js, JWT, Validator & Mongoose
- Integrated MongoDB as database for efficient storage, retrieval, and management of data.
- Proficient in utilizing Postman to test APIs and ensure their functionality.
- Used Docker Compose for multi-container, load balancing and fault tolerance, increased efficiency by 90%.

ONLINE PORTFOLIO

Hack The Developer : Code. Hack. Master. [Wordpress] April 2020 - Present

- Demonstrated expertise in many programming languages and trending technologies.
- Optimized blog content using SEO techniques to improve search engine rankings and increase website traffic.
- Hosted on AWS EC2, successfully retains a monthly user base of over 30,000.

AWARDS AND CERTIFICATIONS

- **Hult Prize 2022 On-Campus Winner:** Led the design and development team, Won 1st Prize, for creating a student connectivity app to enable project collaboration easy with *proof-of-skill* and *proof-of-work* concept.
- **AWS Academy Graduate - Cloud Semester 1:** Successfully completed and developed proficiency in using AWS core services such as EC2, S3, CloudFront, RDS and IAM, through hands-on labs and assignments.

SKILLS

- Python | C/C++ | Java | JavaScript | Shell | SQL | MongoDB | Redis
- Flask | Django | Numpy | OpenCV | Pandas | Tkinter | React | Redux | Linux | Git | Scrum | AWS | Docker
- Software Development | Design Pattern | Microservices | Distributed Systems | Frontend | Backend | Full-Stack
- English, Hindi - *All professional proficiency or above*

EDUCATION

Kalinga Institute of Industrial Technology (KIIT) (BTech CSE)

Pre-final (Third) year, CGPA 8.6

Kairali School (CBSE)

12th Grade, 90%

Saint Joseph's School (ICSE)

10th Grade, 93%

Bhubaneswar, Odisha

2020 – Expected. 2024

Ranchi, Jharkhand

2019

Banka, Bihar

2017