

Shubham Kumar

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EDUCATION

- **Bangalore Institute of Technology** Bangalore
Affl. VTU; B.Tech in Electronics and Instrumentation; *Aug 2016 - Jul 2021*

PROGRAMMING SKILLS

- **Languages:** Python, R, Javascript, SQL, NoSQL, HTML, CSS
- **Technologies and Frameworks:** Flask, Django, Rest APIs, Git, JIRA, Docker, SQLAlchemy, AWS(boto3), Kafka, Pandas, Numpy, Matplotlib, Scipy, Machine Learning, Tableau, Microservices, Postman, Jenkins, Sonarqube, Grafana

EXPERIENCE

- **RightRev** Chennai
Associate Software Engineer *Oct 2023 - Present*
 - Developed and maintained backend services using Python and Flask, ensuring high performance, scalability, and adherence to industry best practices
 - Actively worked in an Agile environment, utilized Grafana Logs for continuous monitoring of backend issues, efficiently identifying and resolving bugs to maintain optimal system performance.
 - Created new features for Kafka-based microservices to improve our automated revenue recognition SaaS product's functionality and user experience.
- **RightRev** Chennai
Software Engineer Trainee *Jan 2022 - Sep 2023*
 - Developed and implemented unit test cases to increase code coverage, ensuring robustness and reliability of the software
 - Added support APIs to enhance the functionality and accessibility of the automated revenue recognition SaaS product.
 - Designed and implemented database migration scripts using Alembic to modify and enhance the existing database structure.

PROJECTS

- **File Sharing System** Developed a secure file-sharing system between two different types of users, using Python, Flask, SQLAlchemy and HTML
- **Career Website** Developed a job portal web application using Python, Flask, HTML and CSS with role-based authentication for recruiters and job seekers. The application allows recruiters to post jobs and manage applications, while job seekers can view job listings, apply, and track application statuses.
- **Bank App** contributed to this open source project with JavaScript code, A user-friendly banking application using Javascript, HTML and CSS. Log in to check your balance, make withdrawals/deposits, view total in/out, track interest earned/given, transfer funds, request loans, and close accounts. Stay secure with an auto-logout feature.

CERTIFICATIONS

- **Advanced proficiency in Python by Cutshort** certificate - <https://cutshort.io/certificate/97138> Issued - May,2024 Expires - May,2025
- **Rest API (Intermediate)** certificate - <https://www.hackerrank.com/certificates/ccfba9f82a33> Issued - Apr,2024
- **Career Essentials In Generative AI By Microsoft And LinkedIn** Issued - Feb,2024
- **SQL (Basic)** certificate - <https://www.hackerrank.com/certificates/6655dc936d23> Issued - Nov,2022

INTERNSHIP

- **Technologics** Bangalore
Python and Machine Learning Intern *Mar 2021 - Apr 2021*
 - During my internship, I gained valuable hands-on experience in Python and its libraries, including Matplotlib, SciPy, NumPy, Pandas, and Seaborn. These tools enabled me to perform data manipulation, analysis, and visualization effectively. Additionally, I worked on building predictive models using various machine learning algorithms such as linear regression, logistic regression, K-Nearest Neighbors (KNN), and random forest.
 - This experience allowed me to develop a strong foundation in both data analysis and machine learning, enhancing my ability to create insightful visualizations and build accurate predictive models.