



SHUBHAM KUSHAWA



Portfolio Link



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[pugnax1jge.vercel.app/](https://portfolio-cyan-psi-pugnax1jge.vercel.app/)



Mumbai, Maharashtra, 400064



<https://github.com/shubh-am1809>



Skills

- Python
- R
- SQL
- HTML5
- CSS
- JavaScript
- Bootstrap
- Flask
- MySQL
- SQLite
- MongoDB
- Excel
- AWS
- Render
- Git
- GitHub



Summary

Motivated and dedicated B.Sc. Information Technology graduate with hands-on experience in Python development, web development, SQL, data analysis, and database management. Gained practical experience as a Data Analyst Intern at Cognifyz Technologies and developed web applications using Python and Flask. Proven ability to work with databases, analyze data, and build practical software solutions. Seeking a challenging Software Engineer/Python Developer role to leverage technical skills and contribute to innovative projects and business growth.

Education



University of Mumbai

Bachelor of Science in Information Technology, CGPA: 8.14/10

- Python Programming, Web Development, Database Management Systems, SQL, Data Analysis, Software Engineering, Computer Networks, and Cloud Computing, providing a strong foundation in software development, data management, and IT applications.

Experience



Cognifyz Technologies

Data Analysis Intern

Restaurant Data Analysis & Business Insights: Conducted end-to-end Analysis on real-world restaurant datasets using Python and Excel, performing data cleaning, transformation, and exploratory data analysis (EDA) to evaluate cuisines, pricing, ratings, online delivery, customer votes, and geographic trends, enabling data-driven insights for the food services domain.

- Statistical Analysis & Data Modeling: Applied Pandas and Numpy for advanced data manipulation and statistical analysis, and utilized SQL and foundational R to query datasets and identify relationships between ratings, votes, price ranges, and service availability.

Visualization & Reporting: Developed visualizations using Matplotlib and interactive geographic amps to clearly communicate analytical findings, supporting stakeholder decision-making through structured reports and documented workflows.

Projects



Broker-Free Web Application

- Developed a broker-free property rental and listing platform using React.js, Node.js, Express.js, and MongoDB, enabling users to manage and explore properties without intermediaries.
- Implemented OTP-based authentication and property listing management, providing secure user access and efficient property management.
- Built real-time communication and multi-user room management features to facilitate direct interaction between users and improve the overall rental experience.
- Designed a responsive and user-friendly interface, ensuring seamless accessibility across different devices and screen sizes.

Tech: React.js, Node.js, Express.js, MongoDB, JavaScript, REST APIs

Car Rental System

- Developed a full-stack car rental web application using Python, Flask, SQLAlchemy, Bootstrap, and SQLite, supporting end-to-end vehicle booking and rental management.
- Implemented secure authentication and role-based access control with dedicated workflows for customers, staff, and administrators.
- Built comprehensive car, booking, payment, and customer management modules, including booking processing, returns, revenue statistics, and customer dashboards.
- Integrated PDF invoice generation using ReportLab and designed a responsive Bootstrap-based interface for a seamless user experience.
- Deployed the application on Render using Gunicorn, making the system accessible through a live production environment.

Tech: Python, Flask, SQLAlchemy, SQLite, HTML5, CSS3, Bootstrap 5, JavaScript, Flask-Login, Flask-WTF, ReportLab, Gunicorn, Render

Student Result Management System

- Developed a Flask-based web application for managing students, subjects, marks, and academic results using Python, Flask, SQLAlchemy, and SQLite.
- Implemented role-based authentication and access control for Admin and Teacher users with secure password handling and session-based authentication.
- Built modules for student and subject management, including adding, updating, deleting, searching, and maintaining academic records.
- Automated result calculation, including total marks, percentage, and grades, and implemented professional PDF result report generation using ReportLab.
- Designed an intuitive dashboard with student, subject, and result statistics and deployed the application on Render using Gunicorn for production access.

Tech: Python, Flask, SQLAlchemy, SQLite, HTML5, CSS3, Bootstrap 5, JavaScript, Flask-Login, Flask-WTF, ReportLab, Gunicorn, Render

Roles & Responsibilities

- Analyzed and transformed structured datasets using Python, Pandas, NumPy, and SQL to derive meaningful insights and support data-driven decision-making.
- Performed data cleaning, preprocessing, validation, and exploratory data analysis (EDA) to ensure data accuracy, consistency, and quality.
- Developed and executed SQL queries involving filtering, aggregation, joins, and data extraction for analytical requirements.
- Conducted detailed analysis to identify trends, patterns, relationships, and anomalies within datasets and translated findings into actionable insights.
- Created data visualizations, analytical reports, and summaries to present complex data clearly and effectively.
- Prepared raw datasets for analysis by handling missing values, duplicate records, inconsistent formats, and data quality issues.
- Supported the development of data-driven reports by organizing, interpreting, and validating analytical results.
- Collaborated with team members to understand business requirements and deliver accurate and timely data analysis solutions.
- Documented analytical processes, methodologies, and key findings to ensure transparency and reproducibility.
- Applied analytical and statistical techniques to evaluate datasets and communicate insights to relevant stakeholders.