

GOKULA KRISHNAN G

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CAREER SUMMARY:

- Enthusiastic and motivated Information Technology graduate with a strong passion for software development, data engineering, and analytics.
 - Proficient in Python, Java, SQL, Power BI, and web technologies, with a solid foundation in algorithm design, data processing, and web development.
 - Hands-on experience gained through academic projects and internships, working with tools like Pandas, BeautifulSoup, and NoSQL databases for data collection, cleaning, and analysis.
 - Skilled in designing and developing both front-end and back-end web applications, ensuring seamless performance and user experience.
 - Strong problem-solving, teamwork, and communication skills with a continuous learning mindset.
 - Eager to contribute to a dynamic, growth-oriented team, applying technical and analytical skills to deliver innovative, data-driven solutions
 - Good Communication, Analytical and Team Management skills.
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SKILLS:

- Programming & Scripting: Python, SQL
 - Data Engineering & Processing: ETL, Pandas, NumPy, Web Scraping (BeautifulSoup, Scrapy), NoSQL Databases, Data Pipelines
 - Data Analytics & Visualization: Power BI, Microsoft Excel, Statistical Analysis
 - Web Development: HTML, Full Stack Web Development (Back-end)
 - Tools & Platforms: GitHub, Cloud Computing (IBM Certified), Oracle Foundations, Cisco Networking Essentials
 - Other Competencies: Data Extraction & Transformation, Inventory Forecasting, Problem-Solving, Team Collaboration
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EXPERIENCE:

POSITIVE INTEGERS, Chennai - Data Engineer

JAN 2025 – JUN 2025

- Built and optimized ETL data pipelines using Python, SQL, and NoSQL (MongoDB) to handle and process millions of records efficiently.
- Designed and maintained automated workflows that extracted, cleaned, and transformed raw data into structured datasets for analytics.

- Implemented web scraping frameworks (BeautifulSoup, Scrapy) to extract data from APIs, dynamic websites, and CSV/Excel files, enriching the company's data repository.
- Utilized Pandas and NumPy for preprocessing, handling missing values, and applying statistical transformations to improve data accuracy.
- Worked with cloud-based storage solutions (AWS S3 / Google Cloud Storage) to store and manage large datasets securely.
- Optimized SQL queries, improving reporting efficiency.
- Built data validation and monitoring scripts to ensure pipeline stability and error handling.
- Assisted in developing Power BI dashboards and reports for stakeholders, turning raw data into actionable insights.
- Collaborated in an Agile/Scrum environment, participating in sprint planning, standups, and code reviews.
- Documented processes and created knowledge transfer guides to ensure maintainability of data workflows.

NURTURE INFOTECH, Chennai - Web Developer

Mar 2024 – Apr 2024

- Designed and developed responsive web applications using HTML, CSS, JavaScript, and Java-based backends.
 - Implemented both front-end UI components and server-side functionalities to deliver end-to-end solutions.
 - Worked with databases to support CRUD operations, authentication, and data-driven features.
 - Gained hands-on experience in agile development practices, including requirement gathering, version control (Git), and testing.
 - Delivered project modules within deadlines while ensuring code quality and maintainability.
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PROJECT:

PROBUS INSURANCE ROYAL SUNDARAM

- Successfully automated premium data extraction for Royal Sundaram via Probus Insurance using Selenium and BeautifulSoup. Handled dynamic form submissions, XPath-based data parsing, and multi-car/RTO iterations. Achieved efficient CSV output generation with robust error handling and accurate data capture, significantly reducing manual effort and improving data reliability.

MULTIPURPOSE ONLINE VOTING PLATFORM USING BLOCKCHAIN

- The Multipurpose Online Voting Platform Using Blockchain achieved secure, transparent, and tamper-proof voting through blockchain technology. It enabled remote participation, real-time results, and multi-election support, reducing costs and eliminating fraud. The platform demonstrated strong scalability, user authentication, and reliability, making it a robust solution for modern digital voting needs.

HOME AUTOMATION USING ARDUINO CONTROL ELECTRIC BULB FROM MOBILE

- In today's era, technology can enhance human life. Technology is evolving decade by decade. Automation was a science fiction earlier but not today. By combining latest technology with home, we can build an awesome home. With the Arduino uno and Windows 10, we can build a home automation system that is capable of operating home devices automatically

INVENTORY DEMAND FORECASTING

- Developed an inventory demand forecasting model using historical sales data and machine learning techniques to predict future demand with high accuracy. Improved stock management efficiency, reduced overstock and stockouts, and optimized inventory turnover. Enabled data-driven procurement decisions, resulting in cost savings and improved customer satisfaction

EDUCATION:

B.TECH - INFORMATION TECHNOLOGY	2021 - 2025
Anna University, PANIMALAR INSTITUTE &Technology CGPA: 7.5	
HSLC (CS) TN State Board, SRI SARADA VIDYALAYA.Hr.Sec.School Percentage:81 %	2021
SSLC TN State Board,SRI SARADA VIDYALAYA.Hr.Sec.School Percentage: 78%	2019

CERTIFICATIONS :

- MACHINE LEARNING WITH PTHON
- SUPERVISED MACHINE LEARNING
- CLOUD COMPUTING COURSE FROM IBM
- NASSCOM CERTIFICATION ON CYBERSECURITY
- NETWORKING ESSENTIALS COURSE FROM CISCO

LANGUAGES :

English, Tamil,