

Karthika Venugopal



📍 Al Mankhool 00000

📞 +971504861135

✉️ karthikavenugopalk@gmail.com

EDUCATION

07/2019

BACHELOR OF SCIENCE | Physics
University of Calicut, Malappuram

- Graduated with a strong academic record, achieving a commendable 70% mark from Blossom Arts and Science College under Calicut University.
- GPA: 70%

04/2022

MASTER OF COMPUTER APPLICATION |
Information and Communication
Technologies
Jain deemed to be University, Bangalore

- Graduated with distinction with a specialization in Information Security Management Services, gaining in-depth knowledge of cybersecurity principles and practices.
- GPA: Distinction

01/2025

POST GRADUATE PROGRAM | DATA
ANALYTICS AND DATA SCIENCE
SkillLync, Bangalore

SKILLS

- Python
- MATLAB
- SQL
- HTML
- JAVASCRIPT
- CSS
- PHP
- C
- ASPNET

SUMMARY

Accomplished professional with extensive experience in data analysis, statistical modelling, and machine learning. Proficient in Python, MATLAB, SQL, and various web technologies including HTML, JavaScript, CSS, PHP, and ASP.NET. Demonstrated expertise in data visualisation tools such as Tableau and Power BI. Adept at using Anaconda and Jupyter for data processing and analysis. Skilled in GIS and remote sensing with a strong foundation in mathematics and statistics. Experienced in client management, website testing, and business analysis. Career goal: to leverage technical skills to drive innovative solutions in data science and analytics.

EXPERIENCE

July 2024 - Current

Senior Billing Associate Aster Hospital Mankhool

- Worked closely with front-of-house staff to facilitate positive customer experiences.
- Consulted with customers to help with purchasing decisions.
- Kept abreast of changes in healthcare legislation affecting billing practices, ensuring compliance.
- Calculated and provided accurate change to customers after transactions.
- Helped customers with specific item requests by answering questions and offering knowledgeable product advice.
- Addressed and resolved complaints regarding transactions and ticket issuing.
- Balanced daily financial transactions and reconciled discrepancies to maintain accurate hospital accounts.
- Maintained up-to-date knowledge of store products, promotions, and policies.
- Handled cash, credit card, and voucher payments, maintaining accurate financial records.
- Implemented visual merchandising standards for engaging front-lane displays and endcaps.
- Coordinated with the merchandising team to maintain an attractive and organised checkout zone.
- Utilised point-of-sale system efficiently, minimising errors and speeding up transaction time.
- Assessed customer needs through clear communication, anticipating and responding appropriately to queries.
- Coordinated with healthcare providers to confirm treatment costs and patient coverage details.
- Completed opening and closing procedures, verifying proper cash-on-hand amounts and allocating resources.
- Modernised hospital record-keeping systems, transitioning to electronic health records for improved data management.
- Managed services to provide equal access to different groups and promote inclusion in healthcare.
- Managed outpatient services, expanding access to healthcare and reducing pressure on hospital resources.
- Chaired hospital safety committee, instituting protocols that significantly reduced workplace accidents.
- Negotiated contracts with suppliers, securing cost-effective deals for medical supplies and equipment.

August 2022 - August 2024

LEAD .NET DEVELOPER Webotix IT Consultancy Private Limited | Kochi, India

- Company Overview: Information and communication

- Git
- Git Hub
- SVN
- Data Visualization
- Tableau
- Power BI
- Anaconda
- Jupyter
- Statistics
- Statistical Modeling
- Data Mining
- Machine Learning
- Data Collection
- Data Processing
- Data Analysis
- Data Visualisation
- GIS
- Remote Sensing
- Math
- Microsoft Office
- Node.js
- .NET
- Client management
- Website testing
- Business analysis

LANGUAGES

Malayalam: First language

English: C2

Proficient

Hindi: A2

Elementary

Tamil: B2

Upper intermediate

- Website: <https://webotix.ae/>
- Experienced .NET developer with one year of proven expertise in web development
- Recently promoted to Team Lead, leading the team and training junior colleagues
- Actively engaged in around 7 projects for three major clients to date
- Now independently leading 6 projects for 2 of those clients as I demonstrate my talent and leadership skills
- Hands-on experience in manual website testing and effective client communication
- Proficient in delivering regular updates and services, and ensuring seamless data management and analysis
- Adeptly address client feedback, gather comprehensive requirements, and promptly initiate backend development upon approval of the design, ensuring timely project delivery to clients
- Information and communication
- Website: <https://webotix.ae/>
- Resolved customer queries and problems using effective communication and providing step-by-step solutions.
- Collaborated with staff to formulate budgets and improve department revenue.
- Optimised team training and staff development.
- Produced high-volume orders to effectively meet customer demand.

CERTIFICATIONS

CERTIFIED CYBER FORENSICS ASSOCIATE (CIFA) EC-COUNCIL

- Showcasing expertise in digital forensics and cyber investigation techniques.
- Acquired knowledge of forensic methodologies, tools, and procedures to effectively gather and analysedigital evidence.
- Demonstrated competence in identifying, preserving, and presenting digital evidence for legal andinvestigative purposes.
- Developed skills in conducting incident response and forensic analysis to detect and mitigatecybersecurity incidents.
- Successfully completed practical exercises and exams, validating practical application andunderstanding of cyber forensics concepts.
- Gained proficiency in performing disk imaging, data recovery, and file analysis to support cyberinvestigations.
- Equipped with the ability to assist in cybersecurity investigations, ensuring adherence to legal andethical standards.
- Acquired a comprehensive understanding of cybercrime and the techniques used to investigate andprevent digital attacks.
- Validated commitment to staying abreast of cybersecurity best practices and techniques, enhancingpreparedness to address evolving cyber threats
- https://www.credly.com/badges/ce36b9f0-263e-48c7-b934-f78a6f7c06aa/public_url

CERTIFIED ETHICAL HACKING ASSOCIATE (E|HA)-EC-COUNCIL

- <https://www.credly.com/badges/5d7c0a53-84b6-4d4a-8405-18f95f045bae/publicurl>

TABLEAU DESKTOP PROFESSIONAL CERTIFICATION

- Highlight the expertise in data visualization and analytics using Tableau's powerful tools.
- Acquired advanced skills in creating interactive dashboards, visualizations, and reports to effectively communicate complex data insights.
- Demonstrated proficiency in data blending, mapping, and advanced calculations, enabling accurate and insightful data analysis.
- Completed hands-on projects, showcasing the ability to derive actionable insights from data and make data-driven decisions.
- Gained valuable knowledge in transforming raw data into meaningful and visually appealing presentations, enhancing data-driven decision-making processes.
- Equipped with the capabilities to effectively communicate complex data findings to both technical and non-technical stakeholders.
- Acquired a comprehensive understanding of Tableau's best practices and data visualization principles, ensuring optimal data representation.