

JYOTHI G.N

✉ jyothign0@gmail.com

🌐 www.linkedin.com/in/jyothi-g-n

📞 9740037183

Intending to build a career in a challenging & creative environment & utilize full potential towards organizational effectiveness. Enjoy working alongside skilled colleagues and contributing to a culture of mutual success.

Key Skills

C#, .Net framework, .Net Core, C, C++, Python

Core Java, Advanced Java, JDBC, Spring

React, Angular

Docker

MySQL, SQL Server

Machine Learning

Deep Learning, Data Science

RPA Design and Development

Django

Web Development HTML5, CSS3, JavaScript, PHP, jQuery

Web Scraping

CCNA, MCSA

Linux

Profile Summary

- ▶ Accomplished professional with **10.4 years** of total experience, including **4.1 years** in the Software industry and **6.2 years** dedicated to educating, mentoring, and training engineering students
- ▶ Currently employed as a Senior Associate Consultant at Infosys Private Ltd, specializing as a backend developer in the .NET C# and also React developer domain.
- ▶ Interested in Machine learning and deep learning technologies.
- ▶ Served as a Software Engineer in Tetherfi technologies pvt ltd, and Assistant Professor in the Department of Computer Science and Engineering at Mangalore Institute of Technology and Engineering, Moodbidri.
- ▶ Gained extensive experience in technical training at CTTI Computer Education, Mangalore, where I delivered corporate-level training for a duration of 2 years.
- ▶ Worked as a Lecturer (Part-time) at Adarsh Degree College, Mangalore, specializing in Artificial Intelligence and Linux Environment.
- ▶ Worked as Freelancer on Angular, SQL, .net application.

Education

- ▶ **2022: Ph.D. (Computer Science and Engineering)** from Canara Engineering College, Mangalore, VTU, Belgaum (Pursing- Part time)
- ▶ **2015: M Tech. (Computer Science and Engineering)** from Sahyadri College of Engineering and Management, Mangalore, VTU, Belgaum.
- ▶ **2013: B.E. (Computer Science and Engineering)** from Sahyadri College of Engineering and Management, Mangalore, VTU, Belgaum.
- ▶ **2010: Diploma (Computer Science and Engineering)** from Karnataka Polytechnic, Mangalore, Board of Technical Examination.
- ▶ **2007: SSLC** from Vidhya Education Center School, Derebail, Mangalore, SSLC Board.

Projects

- ▶ As part of my PhD research, I developed an Emotion Recognition model utilizing SVM, Random Forest, LSTM, and Bi-LSTM algorithms to compare their accuracy. This work involved conducting a comprehensive survey and working with real-time data to validate the model.
- ▶ Project during Artificial Intelligence course- "Amazon Review Analysis" "Sentiment Analysis on 1.6 million tweets", "Object Detection", "Vehicle Prediction", "Loan Prediction", "Digit Recognition"

Work Experience

Since June 25 – till dated : Infosys Private Limited

Responsibilities:

- ⦿ Worked on SPFX React Migration from .Net Project involving both .NET backend analysis and front-end development. Responsible for implementing and deploying solutions within the SharePoint environment, ensuring seamless integration and optimized performance.
- ⦿ Gained some insights on Sharepoint framework and ADO (Azure Devops).
- ⦿ Working on the Python-based automation Proof of Concept (PoC) to automate key workflows of a large-scale application used in the Oil & Gas domain.
- ⦿ Implemented API response handling and result propagation between Python automation scripts and .NET application.
- ⦿ Designed and implemented automated test scenarios to reduce manual effort and improve application reliability.
- ⦿ Integrated OCR automation to validate text-based outputs withing the application.
- ⦿ Leveraging multiple python libraries and packages to support automation, data extraction and validation tasks.
- ⦿ Actively involved in client communication, including requirement discussion, progress updates, clarification of automation scope.

Feb'22 – June 25: Tetherfi Technologies Private Ltd as Software Developer

Responsibilities:

- ⦿ Developed, and maintained applications using .NET Framework and .NET Core, Microservices architecture and used SOLID principles.
- ⦿ Migrated a .NET Framework application to .NET 8, using clean architecture. Used dependency Injection (DI) for injecting services, configuration and repositories. Implemented using service layer pattern for encapsulating the business logic in a separate layer. Implemented Factory pattern and CQRS in migrated .net core project
- ⦿ Created and maintained RESTful web APIs, ensuring scalability and performance
- ⦿ Experience in writing LINQ queries.
- ⦿ Experience in working with SOAP web service.
- ⦿ Experience working in SonarQube which is the essential code quality tool
- ⦿ Generating the sync report for identifying the vulnerabilities and fixing them.
- ⦿ Designed and optimized SQL Server queries, stored procedures, and database structures.
- ⦿ Containerized applications using Docker and deployed manually in the server.
- ⦿ Skilled in troubleshooting complex issues, with a strong ability to diagnose, analyze, and resolve problems efficiently in both development and production environments.
- ⦿ Proficient in version control systems like Git, GitLab and SVN, with hands-on experience in managing code repositories, collaboration, and release management.
- ⦿ Well-versed in Agile methodologies, including sprint planning, task management, and iterative development to ensure efficient project delivery.
- ⦿ Experience in writing Stored procedures, functions, triggers.
- ⦿ Maintaining documentation of the product in folderit and svn.
- ⦿ Focused on the development and maintenance of product that supports the Contact center in Banking, telecommunications etc.

Jan'17 – Feb'22: Mangalore Institute of Technology and Engineering, Moodbidri as Assistant Professor

Responsibilities:

- ⦿ Handled subjects C, C++, Data Structures and Application, Design and Analysis of Algorithm, Java, Unix Programming, System Software and Compilers, Cloud Computing, Python, Web Technology and its Application, Database Management System, Robotic Process Automation.

Nov'15 – Jan'17: CTTI Computer Center, Mangalore as Software Programming Trainer

Responsibilities:

- Engaged in training programming languages such as C#, .net, Angular, React, C, C++, Core Java, Advanced Java, JDBC, Springboot, Python, HTML5, CSS3, PHP, Javascript, jQuery, SQL, React, Django, Data Analyst, Wordpress and Bootstrap framework
- Training provided on Networking and Server Administration i.e CCNA and MCSA.
- Worked on capstone projects with students on Angular, Django, Springboot and Web development

Certification

- Certified in "Masters in Artificial Intelligence" course in InsideAIML.
- Certified in "Programming for everybody(Python)" in Coursera, "Data Science using Python" in Coursera, Certified in "Cloud Computing" in NPTEL, Certified in "Basic Programming using Python" by IITB, Certified in "Python basics for Data Science" offered by IBM through edX platform.

Workshop

- Attended workshop in "RPA Design and Development v3.0" and "RPA Foundation course" conducted by UiPath.

Achievement

- Received best paper award in IEEE COSMIC presented on 21st Nov, 2024. Paper title "Integrating Bi-LSTM with Deep Learning for Emotion Analysis from Brain Wave Patterns"
- Participated in Tetherfi Innovate Hackathon Event and Received "Most Futuristic Vision" Award for our work AI Powered Front end User Focus Calibrator – a web-based solution designed to track user eye movements and interactions, providing real time insights to optimize UI/UX for business

Personal Details

Date of Birth: 18th November 1991

Languages Known: English, Hindi, Kannada & Tulu

Marital Status: Unmarried

Nationality: Indian

Passport No.: N4402185

Date of Expiry: 15/11/2025

Hobbies: Curious to learn new technology

Permanent Address: Shiva Baba Kutira House, US Mallya Layout, Bikarnakatte, Mangalore- 575005