

# DHYAN VASUDEVA GOWDA



Chicago, IL | 857-506-4687 | [dgowda2@hawk.iit.edu.com](mailto:dgowda2@hawk.iit.edu.com) | [linkedin.com/in/dhyan-v-gowda](https://www.linkedin.com/in/dhyan-v-gowda) | [github.com/DhyanVGowda](https://github.com/DhyanVGowda) | [dhyanvgowda.github.io](https://dhyanvgowda.github.io)

## OBJECTIVE

Graduate Computer Science student with a strong passion for software development and problem-solving, eager to apply skills in a forward-thinking tech company to contribute to innovative solutions and grow within a collaborative environment.

## EDUCATION

Illinois Institute of Technology, Chicago, IL Expected December 2025  
**Master of Science, Computer Science**, GPA: 4/4

Northeastern University, Boston, MA April 2024  
**Master of Science, Computer Science**, GPA: 3.66/4

Jss Science and Technology University (Formerly Sjce), Mysuru, India July 2023  
**Bachelor of Engineering in Computer Science**, CGPA: 8.66/10

## SKILLS

- **TECHNOLOGY:** Python, Java, C, C++, HTML, CSS, JavaScript, TypeScript, Docker, Autogen, LangChain.
- **FRAMEWORK AND LIBRARIES:** Node.js, ReactJS, Flask, Angular, Streamlit, Maven, Npm, Bootstrap.
- **DATABASES:** MySQL, MongoDB.
- **PRODUCTIVITY TOOLS:** Proficient in MS Office suite, Google Suite, MS Project Professional.
- **FOUNDATIONAL:** Data Structures and Algorithms, Object-Oriented Programming, Problem Solving, Operating Systems, Database Management System, Computer Networks, Information Security.
- **CERTIFICATIONS:** Python Data Structures | Web Development Bootcamp.

## EXPERIENCE

**Software Development Intern** February 2023 - November 2023  
Torus Solutions, Mysuru, India

- Designed and implemented full-stack applications, including an Expense Management System with Streamlit frontend and Flask backend, integrating AI agents to automate tasks and boost workflow efficiency and system performance.
- Collaborated in Agile sprints to ensure timely delivery, resolved reported bugs, and deployed solutions improving system efficiency by 30%.

## PROJECTS

**Travel Itinerary Planner** August 2024

- Designed a Travel Itinerary Planner to simplify trip planning and coordination, featuring a Flask backend, Streamlit frontend, and MySQL database for efficient data management. Users can create, manage, and share detailed itineraries.

**Stock Portfolio Manager** April 2024

- Developed a Stock Portfolio Manager application using Java, JSON, and Alpha Vantage API for stock data, enabling users to build and manage virtual portfolios, simulate stock trading, and assess investment strategy performance.

**Credit Card Fraud Detection Using Machine Learning** December 2023

- Developed a credit card fraud detection system using Apriori and Eclat, achieving 85% accuracy in identifying fraudulent transactions and enhancing real-time fraud detection in e-commerce.

**Driver Drowsiness Detection System** September 2023

- Engineered a Python-based Driver Drowsiness Detection System utilizing OpenCV and Keras to monitor driver alertness and mitigate accidents during long-distance travel.

## VOLUNTEER EXPERIENCE

**Volunteer** August 2019 - July 2023  
Computer Society of India

- Volunteered with the Computer Society of India (CSI) at JSS Science and Technology University (SJCE), contributing to a dynamic technical club focused on enhancing students' technical skills by organizing tech festivals and competitions.

**Organiser** September 2020 - October 2021  
Educational Camp - Computer Literacy Initiative

- Led digital literacy initiatives at Arohana Public School, India, for over 100 students, delivering foundational computer skills to improve technical proficiency and readiness for advanced learning.