DHYAN VASUDEVA GOWDA

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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
Torus Solutions, Mysuru, India   February 2023 - November 2023
- 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

Employee Profile Management System   August 2024 - August 2024
- Built a full-stack Employee Profile Management System with CRUD operations, skill/experience filters, Angular frontend, Java Spring Boot backend, and SQL database to streamline HR processes.

Travel Itinerary Planner   August 2024 - 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 - 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 - 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.

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.