

Suraj Roka

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EDUCATION

Dallas College | Dallas, TX

Associate of Science – Software Engineering

Relevant Coursework: Computing in Java, C++, Python, Object Oriented Programming, Data Structure and Algorithms.

University of Southern Mississippi | Hattiesburg, MS

Bachelor of Computer Engineering – Transfer Coursework

SKILLS

- Programming: Java, C++, Python, HTML, CSS, JavaScript, PHP, SQL.
- Frameworks/Tools: Git, IntelliJ IDEA, VS Code, Adobe Photoshop, Illustrator, AutoCAD.
- Concepts: OOP, Data Structures, Debugging, APIs, Version Control
- Productivity tools: Microsoft Office Suite (Excel, Word, PowerPoint), Google sheets.
- Project Management: Agile methodologies, Team leadership, event co-ordination.

PROJECTS & RESEARCH EXPERIENCE

- **Portfolio Website (HTML, CSS, JS)** – https://github.com/surajroka/Portfolio_website
Developed a responsive portfolio showcasing skills and projects using HTML5, CSS3, and JavaScript. Optimized for performance and SEO with mobile-first design.
- **Student Database System (Java)**
Implemented CRUD operations with file handling and OOP concepts. Strengthened problem-solving and debugging through iterative testing.
- **Burst Robotics Workshop – Dallas College**
Built and Programmed Lego Ev3 robot cars using block coding to complete tasks through trial-and-error experiments.
Designed logic-based movement sequences, collected data, and competed in team challenges.

LEADERSHIP EXPERIENCE

- **President & Event Coordinator | Leo Club of Kathmandu Gaurav** Jun 2020 – Jul 2023
Led a cross-functional team to plan and execute community-focused events across 12 venues, enhancing leadership and organizational skills.

WORK EXPERIENCE

- **Senior Graphic Designer | Hall Fax Media & Communication** Sept 2022 – Jun 2023
Designed brand and layouts, streamlined design workflows for 27+ clients, improving brand recognition and reducing turnaround time by 20%.

CERTIFICATIONS

- Introduction to Software Development, Programming with Java Amazon (Coursera), Responsive Web Design (Free Code Camp), AutoCAD Course (Source CAD).

HONORS AND AWARDS

- Chancellor's Honor Roll at Dallas College
- Dean's List at USM