Suraj Roka

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EDUCATION

Dallas College | Dallas, TX
Associate of Science – Software Engineering
Honors: Chancellor's Honor Roll
Relevant Coursework: Java Programming, C++, Python, Object-Oriented Programming, Data Structures & Algorithms

University of Southern Mississippi | Hattiesburg, MS
Bachelor of Computer Engineering – Transfer Coursework
Honors: Dean's List

SKILLS

Programming: Java, C++, Python, JavaScript, HTML, CSS, PHP, SQL
Frameworks & Tools: Spring Boot, Spring Data JPA, Git, Maven, IntelliJ IDEA, VS Code
Databases & Messaging: H2 SQL, JPA/Hibernate, Apache Kafka
Concepts: OOP, REST APIs, Microservices, Debugging, Version Control
Design & CAD: Adobe Illustrator, Photoshop, AutoCAD
Other: Agile methodologies, Microsoft Office, Google Workspace

PROJECTS & RESEARCH EXPERIENCE

- **JPMorgan Chase – Software Engineering Job Simulation (Forage)** | Jan 2026
  Integrated **Apache Kafka** with a **Spring Boot microservice** to consume and deserialize transaction messages using configurable topics and embedded Kafka tests.
  Built transactional workflows with **Spring Data JPA**, **H2 SQL**, and external **REST APIs**, including balance updates, validation logic, and a REST endpoint for querying user balances, verified through **Maven tests**.

- **Quantium Software Engineering Job Simulation (Forage)** | Jan 2026
  Developed a **Python Dash** application to analyze sales data and assess the impact of pricing changes.
  Cleaned and transformed CSV datasets using **pandas** and implemented automated tests with a bash-driven test workflow.

- **Portfolio Website (HTML, CSS, JS)** – https://github.com/surajroka/Portfolio_website
  Built a responsive personal portfolio showcasing projects and skills using mobile-first design.
  Optimized performance and SEO; deployed and version-controlled via GitHub.

LEADERSHIP EXPERIENCE

- **President & Event Coordinator | Leo Club of Kathmandu Gaurav**   Jun 2020 – Jul 2023
  Led cross-functional teams to plan and execute community service events across 12+ venues, overseeing coordination and logistics.

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).