Prabhu Roka

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PROFESSIONAL SUMMARY

Experienced Computer Information Systems student with a strong work ethic and social skills. Proficient in Python, NodeJS, Flutter, and React with one year of hands-on practice. Background in Database and AWS Cloud management with optional expertise in Linux Penetration testing. Adaptable to challenges, dedicated to the team and passionate for work.

EDUCATION

University of Houston
Bachelor's in Computer Information System | Minor in Data Science
Graduation expected 2026 | CGPA: 3.55

- **Relevant Coursework**: Web Application Development, System Analysis & Design, Database Management & Administration, and Application Development

- **Awards/ Honors**: College of Technology Dean's List (Fall 2022 & 2023, Spring 2024 &2025), Academic Excellence Scholarship (UH), and Reynolds & Reynolds Company Scholarship

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SKILLS

Front-End Frameworks: React | NodeJS | HTML | CSS | Bootstrap
API Design and Databases: SQL | MongoDB | ExpressJs
Frameworks: Pandas | NumPy | Flask | PyTorch
Data Tools: Apache Spark | Hadoop | Snowflake | Kubernetes
Data Analysis Tools: Microsoft Power BI | Tableau, Excel | PowerPoint
AWS Cloud Services | Python Programming | Linux Penetration Testing | Flutter

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CERTIFICATES

Microsoft Power BI Data Analyst (Microsoft) | CERTIFICATE   (March 2025)
Python Project for Data Engineering (IBM) | CERTIFICATE   (March 2025)

PROJECTS

Bakery Management System: Production-grade bakery operations platform with staff POS interface and customer-facing website, featuring real-time database synchronization.

Smart Alarm Project: A full-featured Flutter mobile app designed to enhance morning productivity using smart alarms that require trivia-based cognitive tasks to dismiss.

FootyMetrics: A Complete Soccer ETL Ecosystem : Production-grade soccer analytics platform processing 25,000+ matches with automated data pipelines.