R O S H A N   S H E T T Y

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EDUCATION

Northeastern University, Boston, MA — May '25
Master of Science in Information Systems — **GPA 3.7**
Relevant Course: Program Structure and Algorithms, Web Design and User Experience Engineering, Database Management and Database Design, Application Engineering and Development.

Mumbai University, Mumbai, India — Nov '20
Bachelor of Engineering in Electronics and Telecommunication — **GPA 3.4**
- Internship on Raspberry Pi and Open CV using Python at Gigmoz Solutions in 2019.
- Winner of Poster Presentation Competition by IEEE SIES GST in 2018.
- Completed 120 hours of community service as an NSS Volunteer for 2 years at SIES GST from July 2017 to June 2019.

SKILLS

Languages: Python, Java, C, C++, JavaScript, SAP ABAP
Frameworks/Technologies: Figma, Moqups, Balsamiq, Adobe XD, Canva, ReactJS, Node.js, Express.js, TypeScript, RESTful APIs, SQL
Data Visualization: PowerBI, Tableau, D3.js
Databases: Microsoft SQL Server, SAP HANA, MongoDB
Core Skills: Cross-functional collaboration, Problem-solving, Adaptability, Leadership, Test-driven development, Project management

ACADEMIC PROJECTS

Nutri Health UI/UX application — **Jan 2024 - April 2024**
- Designed the app's user interface using Figma and Moqups, improving user satisfaction by 25% through iterative prototypes and user journey mapping.
- The platform includes personalized nutrition plans, an AI-powered virtual nutritionist, a community forum, and a subscription model for product deliveries, all aimed at simplifying access to credible health information and enhancing user well-being.

Supply Chain Management Database — **Jan 2024 - April 2024**
- Developed a comprehensive database management project using Microsoft SQL server that optimized workflows from design to production, focusing on internal structures, vendor material management, and invoice processing.
- Delivered and made use of design documents, an ERD, DDL statements, and PowerBI visualizations to streamline the process.

RadioX Web Application — **Sep 2023 - Dec 2023**
- Designed and implemented the RadioX Web Application, aimed at transforming healthcare management using ReactJS, Typescript, Redux, Express.js, Node.js, RESTful APIs, and MongoDB.
- Developed and integrated DICOM Viewer as a key component of the medical imaging software; reduced data processing time by 25%, empowering healthcare professionals to make faster, informed decisions based on real-time imaging data.

Alternative Coursera Platform — **Sep 2023 - Dec 2023**
- Engineered an alternative Coursera platform using Java SWING UI, addressing traditional educational system limitations.
- Implemented features such as professor management, student registration, learning, graduation, certification, and a robust Reputation System.

Smart Blind Stick — **Jul 2019 - Apr 2020**
- Built a Smart Blind Stick using Arduino Nano and Raspberry Pi for individuals with vision impairments.
- Incorporated features such as a user-friendly emergency button, real-time obstacle detection with ultrasonic sensors, and live location sharing through Thinkspeak IOT.

PROFESSIONAL EXPERIENCE

Capgemini, Navi Mumbai, India — **Nov 2020 - Jun 2023**
Associate Consultant/Software Engineer
- Orchestrated the entire software development lifecycle for the SAP Inventory Manager application, including the development, rigorous QA testing, and post-production support, resulting in a streamlined deployment and a 30% reduction in post-launch support tickets within the first month.
- Managed and provided support to a diverse 100+ users utilizing the SAP Inventory Manager (Syclo) application.
- Introduced streamlined label printing features in the backend using ABAP and significantly improving task efficiency by 15%.
- Led the development of Fiori Web applications using HTML, CSS, and JavaScript, decreasing production issue resolution time by 20% through troubleshooting and enhancements.
- Mentored and trained 5 new team members, offering guidance and comprehensive training in the Syclo SAP application.