Shoyeb Rampure

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Highly motivated and award-winning 6th-semester Information Science Engineering student with a proven track record in developing AI-driven and data-centric solutions, backed by strong academic performance and real-world experience through internships and national hackathons. Skilled in AI/ML, IoT, and data analytics, with a solid foundation in Java, C, Python, and SQL. Demonstrated hands-on expertise in building impactful projects like DOT – the AI-powered Braille device. Recognized for leadership, innovation, and technical excellence across events, with a strong passion for leveraging technology to drive meaningful change.

EDUCATION

B.N.M Institute of Technology		Dec 2022 - Jul 2026
B.E-Information Science and Engineering	*CGPA-8.07*	*Bangalore, India*

INTERNSHIP

Theta Dynamics Pvt. Ltd.	Aug 2024 - Oct 2024
Cyber Security	
BNMIT, India	

◦ Worked as a Cybersecurity Intern, helped identify and classify security threats, improved response time by analyzing security logs and reports, assisted in monitoring network activity, performed basic vulnerability assessments, and supported the team in implementing security best practices.

ACADEMIC PROJECTS

DOT- The AI Powered Braille – *Braille Learning Device*

◦ Tech Used: JavaScript, HTML, CSS, Lama AI, Embedded Systems, MySQL, Arduino IDE.

◦ Purpose: Interactive educational webapp and hardware device for learning and teaching Braille in real-time

Smart Helmet – *Multifunctional Safety and Navigation System*

◦ Tech Used: GPS, Bluetooth, Speakers, Microphone, Gyroscope, IoT, Sensors

◦ Purpose: Designed a smart helmet with features like real-time navigation, accident detection, GPS tracking, Bluetooth connectivity, audio communication, and motion sensing using a gyroscope to enhance rider safety and convenience.

Healthcare Chatbot – AI-Based Disease Prediction and Recommendation System

◦ Tech Used: Python, Machine Learning, Datasets, NLP, Flask

Purpose: Developed a chatbot that analyzes user input and symptoms to understand and predict possible diseases, recommends suitable treatments, and continuously improves prediction techniques using healthcare datasets

Smart Calorie Detection – *IoT-Based Calorie Estimation System*

◦ Tech Used: Load Sensor, IoT, Python, Arduino

◦ Purpose: Built a system that detects the weight of food using a load sensor, calculates the number of calories based on the input weight, and displays nutritional information to help users monitor their intake effectively.

RPA Automation – *Word to PDF Conversion and Email Delivery System*

◦ Tech Used: Python, RPA Tools, UiPath

◦ Purpose: Automated the process of converting Word documents to PDF format and sending them via email to the intended recipients, improving workflow efficiency and reducing manual effort.

SKILLS

- **Languages:** Java, C, Python, HTML, CSS, JavaScript, MySQL,
- **Technical Courses:** DSA, OOPS, OS, DBMS
- **Specialized Knowledge:** RPA, Webdev, AI, ML.

AWARDS AND ACHIEVEMENTS

- **Gold Medalist**, *INEX-International Invention & Innovation Expo* (Goa) – Represented India and clinched the gold medal in the AI and Technology domain for the **DOT-AI Powered Braille Project**, competing against 20 countries in 15 domains.

- **Project Presenter**, *NASSCOM Technology Confluence 2024* – Presented the **DOT** project at a premier technology conference held at Radisson Blu, Bengaluru, among top industry leaders.
- **First Prize**, *INEX Ideathon* at Jyothy Institute of Technology, Bangalore – Awarded first place out of 80 teams from across Karnataka for innovative solutions.
- **Winner**, *Sparkathon 2024* – 24-hour hackathon organized by RajaRajeswari College of Engineering (RRCE), showcasing innovative problem-solving in a competitive environment.
- **2nd Runner-up**, *PEC hacks 2.0 at Panimalar Engineering college Chennai, secured 2nd runner-up place in 36 hours hackathon*
- **Participated in various other hackathons, conferences, workshops and meetups**

COURSES AND CERTIFICATIONS

- **Amazon AWS foundation** – Gained foundational knowledge in cloud computing, AWS services, network security, and troubleshooting techniques.

- **Artificial Intelligence & Machine learning**– Acquired basic understanding of AI/ML concepts, algorithms, model training, and real-world applications.

- **CompTIA Network+ Prep Course** – Gained foundational knowledge in network security, and troubleshooting techniques.

- **Python for Data Science** – Comprehensive course on Python programming and its application in data science, including libraries like pandas and matplotlib.

- **UIPATH: Introduction to Automation** – Learned the fundamentals of RPA with UIPATH, focusing on creating automated workflows.

- **Build Your First Automation Process with Studio** – Gained hands-on experience building automation processes using UIPATH Studio,

- **Variables, Constants, and Arguments in UIPATH Studio** – Deepened understanding of key automation concepts including variables, constants, and argument management in UIPATH Studio.

- **Email Automation in UIPATH Studio** – Mastered email automation techniques using UIPATH, improving communication efficiency and time management.

- **PDF Automation in UIPATH Studio** – Developed skills in automating PDF-related processes for document management.

- **Introduction to MongoDB for Students** – Learned database setup, querying, and data modeling to manage NoSQL data effectively.