Rajesh M

Portfolio | rajeshmadhan29@gmail.com | +91-9677232718

EDUCATION

SAVEETHA UNIVERSITY
B.Tech in Information Technology
Aug 2019 - Oct 2023 | Chennai, TN
CGPA: 7.6 / 10

VANA VANI MATRICULATION HIGHER SECONDARY SCHOOL
Computer science
Grad. Mar 2019 | IIT Madras, TN

LINKS

Portfolio: **Responsive Portfolio**
Github: **rajxsh**
LinkedIn: **Rajesh M**
Consolidated GradeSheet: **CGS**
Java Full Stack Dev. Course: **JFSD**

COURSEWORK

UNDERGRADUATE

Machine learning
Operating System
Software Testing
Database Management System
Cloud Computing
Web Technology
Software Engineering
Programming in Java
Python Programming
Mini Project
Core Project

SKILLS

PROGRAMMING

Back-End:
• Java • Java OOPs • Spring boot
• JSP • Servlet • Python • Python OOPs
• MySQL • MongoDB • RESTful API
• GIT • Github • Agile Methodologies
• Maven • Tomcat Server

Soft-Skills:
• Quick-Learner • Adaptability
• Problem-Solving • Team Work
• Project Management

EXPERIENCE

KAASHIV INFOTECH | INTERNSHIP
Cyber Security
Mar 2021 - Mar 2021| Chennai, TN

- Short Yet Immersive, the experience offered insights on web app security, attack vectors, and vulnerability prioritization.
- It deepened my grasp of CyberSecurity's vital role in the digital realm.
- **Tools -** Chrome Devtools, Wireshark

PROJECTS

COLLABORATIVE PROJECT | COLLISION OBSERVATION AND HANDLING TECHNOLOGY (COHT)
Mar 2024 - Jun 2024| Team Work

- **Smartphone Detection and Alerts:** The COHT project uses smartphone sensors to detect collisions and automatically alert emergency services.
- **Accident Location PinPointing:** The system pinpoints accident location and notifies the nearest hospital and emergency contacts.
- **Rapid Medical Response:** The technology ensures a quick response from medical teams, reducing the death rate in motor vehicle accidents.
- **Tools -** Android, Apache ant, Gradle, Java, Java package, Maven

ACADEMIC PROJECT | HUMAN EMOTION DETECTION
Oct 2022 - May 2023| Saveetha University, Chennai

- **HED with Advanced Algorithms:** Led a reasearch project utilizing VGG16, VGG19, LSTM, RNN, and DBN algorithm to enhance human emotion detection.
- **Facial Expression Analysis:** Developer systems to categorize facial expression into six emotion catergories, fostering improving mental health interventions and human-machine communication
- **Tools -** Python, Machine learning, Tensorflow and keras, Scikit-Learn, Matplotlib and seaborn, Numpy, Pandas, Opendatasets, Virtualenv.

PERSONAL PROJECT | RESPONSIVE PERSONAL PORTFOLIO
Jul 2024

- Developed a responsive portfolio website to display my skills and projects for potential employers and collaborators.
- The portfolio includes biography, skills, projects, and contact info, showcasing my web design and development expertise.
- **Tools -** HTML, CSS, JavaScript, GitHub, Bitly.

CERTIFICATION

- **The Complete 2024 Web Development BootCamp |** Feb 2024, UDEMY
- **Java Full Stack Development |** Feb 2024, Candid Software Training
- **Git Command Line for Beginners |** Oct 2023, UDEMY