

NIKITHA MUSHAM

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PROFILE

Ambitious Full Stack Web Developer with a solid foundation in software development and web technologies. Proficient in building scalable backend systems and interactive frontend interfaces, with a strong passion for creating user-centric, performance-optimized web applications. Eager to contribute to innovative and dynamic software engineering teams. Excellent problem-solving abilities and a continuous learner, staying updated with emerging trends and technologies in software development

SKILLS

- **Programming Languages:** Proficient in Java, Python
- **Web-Development:** Strong understanding of HTML, CSS, JavaScript, Bootstrap, ReactJS
- **Backend Development:** Proficiency in Spring Boot, Servlets, JSP, and API design (Postman)
- **Database Management:** Experienced with MySQL and data structures
- **Software Testing:** Familiar with debugging, troubleshooting, and testing methodologies
- **Software Development Principles:** Knowledgeable in Agile methodologies, software design principles, and architecture
- **Operating Systems:** Knowledge of Windows and Linux
- **Cloud Computing:** Basic understanding of cloud deployment and services
- **Version Control:** Expertise in Git and GitHub
- **Soft Skills:** Effective Communication, Team Collaboration, Problem Solving, Adaptability

PROJECTS

Cyber-Bullying Detection using SMSDA

- Developed a web application to detect cyberbullying messages using a **Semantic-Enhanced Marginalized Denoising Auto-encoder** algorithm with efficient backend processing and clear documentation standards.
- Preprocessed SMS data and evaluated the system's performance.
- **Integrated software components** such as the front-end interface, database, and algorithm to create a fully functional system.
- **Tools:** Java, JavaScript, HTML, CSS, MySQL

Intelligent Crop Recommendation System using ML

- Created an application to provide personalized crop recommendations to farmers based on their specific conditions.
- Utilized **machine learning algorithms** for data analysis and decision-making.
- **Integrated back-end logic and front-end components** to build a user-friendly system that delivers actionable insights.
- **Tools:** Python, Machine Learning algorithms, MySQL

E-learning Platform(Inspired by Udemy)

- To create a user-friendly platform where students can browse and enroll in courses, and instructors can upload and teach courses.
- Designed and developed a fully functional e-learning platform using **Servlets, JSP, Bootstrap, CSS, and MySQL**.

CRUD Application for Course Management

- Built a full-stack application to manage Course Types, Courses, and Student Registrations using **Spring Boot and MySQL**.
- Developed interactive, responsive frontend interfaces using **HTML, CSS, and Bootstrap**.

EDUCATION

B.TECH/Information Technology,
Malla Reddy Institute of Technology and Sciences(JNTUH)
CGPA: 7.29/10

2019 – 2023 | HYDERABAD, India

INTERMEDIATE (TSBIE), Sri Chaitanya Junior College
MARKS: 854/1000

2017 – 2019 | HYDERABAD, INDIA

Secondary School (SSC), ST. Anthony's Girls High School
CGPA: 9.0/10

2017 | HYDERABAD, India

COURSES

FULL STACK JAVA, TEKS ACADEMY

Mar 2024 – Dec 2024

Skills Learned:

HTML, CSS, JS, BOOTSTRAP, REACTJS, CORE JAVA, MYSQL, JDBC, SERVLETS, JSP, Hibernate, SpringBoot, PostmanAPI, Software Engineering tools (VScode, Eclipse, Git, SpringTool)

- Developed structured, responsive web pages and applications using HTML, CSS, JavaScript, Bootstrap, and ReactJS.
- Built dynamic single-page applications (SPAs) incorporating reusable components to improve maintainability.
- Integrated back-end logic with MySQL databases, performing CRUD operations and optimizing queries for better performance.
- Focused on clean, modular coding practices and applied OOP principles like inheritance and encapsulation to create scalable systems.
- Developed and deployed RESTful APIs using Spring Boot, ensuring seamless communication between the frontend and backend.
- Implemented JSP and Servlets to build dynamic server-side web applications.
- Utilized Hibernate for efficient ORM-based database interactions.
- Used Postman to test and validate APIs during the development process.
- Utilized Eclipse, VS Code, and Spring Tool Suite for efficient development and debugging.
- Leveraged Git for version control and collaborative development.

LEADERSHIP & INVOLVEMENT

Member, Computer Society of India (CSI)

- Led state-level events such as "INFOTSAV" and "WISSENAIRE," organizing technical rounds for 100+ participants.
- Volunteered for a "2-Day Workshop on Cyber-Security and Ethical Hacking" by CSI by collaborating with senior and junior team members to coordinate and manage event, demonstrating teamwork and communication skills.

ACHIEVEMENTS

- Runner-up in the college event "Technozarre," demonstrating technical problem-solving skills.
- Secured 2nd among 100+ participants in a state-level presentation at "Furcetz," highlighting communication and analytical skills.