

# MUGHEES SAAD

## SUMMARY

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Proactive and adaptable software engineer with expertise in full-stack development. Proficient in modern frontend and backend technologies, with a focus on Vue.js and Nest.js. Skilled in building robust, scalable, and maintainable applications. Committed to continuous learning, problem-solving, and delivering high-quality solutions.

## EDUCATION

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### University of Lahore

#### BSCS(Hons) | 2019 – 2023

- My majors were Programming Fundamentals, Object Oriented Programming, Data Structures and Algorithms, Database, Operating Systems.

### Punjab Group of Colleges

#### Intermediate (Fsc) | 2016 – 2018

- My major subjects were Physics, Chemistry, Math.

## SKILLS & ABILITIES

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### Programming Languages & Frameworks

- HTML, CSS, Bootstrap, Tailwind, Material UI.
- Java Script
- Vue 2, Vue 3, Nuxt.js
- SQL, Node.js, Nest.js
- MySQL

### Development Tools

- Version Control: Git, GitHub, GitLab
- IDEs: Visual Studio Code, Web Storm

### Soft Skills

- Team Collaboration
- Effective Communication
- Problem-Solving

## PROFESSIONAL EXPERIENCE

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### Satus Systems, Lahore

**Junior Software Engineer** | May 2024 – Present

#### Frontend Development

- Developed and maintained highly interactive and responsive user interfaces using Vue.js.
- Optimize application performance and ensure scalability.
- Implemented and managed application state using **Vuex** or **Pinia**.
- Designed and implemented reusable components to optimize development.
- Implemented and managed application's Progressive Web App.

#### Backend Development

- Designed and implemented secure and scalable RESTful APIs using Nest.js.
- Worked with SQL database to design schemas and manage data efficiently.
- Implemented centralized error handling and logging mechanisms for backend services.

### Programmer Force, Lahore

**Front-End Intern** | January 2024 – April 2024

- Built user interfaces using HTML, CSS, and modern JavaScript frameworks.
- Contributed to team projects by clean, efficient, and maintainable code.

## PROJECTS

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### Simmi-Connect Platform

**Role: Full-Stack Developer**

**Company:** Satus Systems

**Technologies Used:** Vue.js, Nest.js, SQL, REST APIs, Third-Party API.

- Developed and maintained highly interactive and responsive user interfaces.
- Developed a module for users to create and manage ads exclusively for display on their own devices.
- Built a module for scheduling ads across the Simmi-Connect network, allowing users to run campaigns on multiple devices and venues for specific days and times.
- Implemented features for users to upload and manage media assets for their ad campaigns.
- Contributed to user-friendly dashboards for both end-users and admin users
- Contributed to the backend architecture using **Nest.js**, developing scalable APIs and modules for critical features like Canva integration, ad scheduling, user management, and media handling.