

Syed Muhammad Ibrahim

MERN Stack Developer

syedmu729@gmail.com

+92 324 4905451

[LinkedIn](#)

[GitHub](#)

MERN Stack Developer and BS Software Engineering graduate with a solid foundation in object-oriented programming, data structures, and backend development. Proficient in JavaScript, Node.js, Express.js, React, and MongoDB, with hands-on experience in designing RESTful APIs, optimizing performance, and deploying applications on AWS with CI/CD pipelines. Committed to writing clean, maintainable code and contributing effectively within agile, collaborative teams.

Education

COMSATS University Islamabad, Lahore Campus | BS Software Engineering
BS Software Engineering
GPA: 3.17

Sep '21 – Jul '25

Professional Experience

Web Developer Intern • Cyberappx Software House

Sep '24 – Jul '25

Gained practical experience in software development by assisting in the design, development, and maintenance of applications. Collaborated with the team on debugging, testing, and performance optimization, while contributing to documentation and following best practices in the software development lifecycle. This internship enhanced my technical skills and provided valuable exposure to real-world development environments and collaborative teamwork.

Technical Skills

Programming Languages: C, C++, Java, Python, Javascript, PHP

Backend Technologies: Node, Express, Laravel

Frontend Technologies: HTML, CSS, ReactJS

Database: MySQL, MongoDB, Firebase

Deployment & Version Control: AWS EC2, Git, GitHub, GitLab

Other Tools: Trello, Jira, Postman, Visio, Microsoft Project, Figma

Projects

BuildSphere | [Link](#)

- A subscription-based platform for managing building operations (finance, HR, analytics, rentals, maintenance).
- With a resident application for unit bookings, memberships, and service requests.
- Integrated real-time alerts for rentals, subscriptions, and balance warnings.
- Improved operational efficiency and engagement through automation and smart tools and enabled streamlined communication between residents and management.

Mood Cookbook | [Link](#)

- A web application that recommends recipes based on the user's mood for a personalized cooking experience.
- Implemented mood-based recipe generation with an AI-powered backend and dynamic filtering.
- Designed a responsive frontend with React and Tailwind CSS for seamless user experience.
- Deployed on AWS EC2 with GitHub Actions for automated CI/CD pipeline.
- Built with Node.js, Express, and React.

Echo Desk

- A real-time chat platform using Node.js, WebSockets, MongoDB, and JWT for secure messaging.
- Enabled direct messaging, group chats, and private room access via unique join codes.
- Integrated role-based access and focused participation to enhance team collaboration.
- Implemented message persistence and typing indicators for improved user experience.

RentX

- A backend system for landlords to list properties, track bookings, and manage rental payments.
- Integrated Stripe for secure transactions and auto-generated PDF contracts for tenants.
- Implemented tenant verification, rental history logs, and automated reminder notifications.
- Built using Node.js, Express.js and MySQL, with Sequelize ORM for structured and efficient database interaction.