



Shaheem Niyaz

Full-Stack Developer

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📍 Kasaragod, India

🌐 Shaheem Niyaz 🔄 shamblonaut

📄 SUMMARY

1st-year CS student with 7 years of self-taught development experience. Contributor to production open-source software, with a focus on full-stack web development using React, Express, and PostgreSQL.

🧠 SKILLS

JavaScript

TypeScript

React

Svelte

Express

Django

Git

Docker

PostgreSQL

Python

C++

Rust

Java

👛 PROFESSIONAL EXPERIENCE

Mathesar Foundation

Open Source Contributor

Svelte · Django · PostgreSQL

- Made contributions including features and bug fixes that made it to production releases.
- Part of an intensive 10-week contribution program with weekly performance meetings.
- Led a team of 2 other contributors within the program and got a total of 7 PRs merged.

📁 PROJECTS

SEM | School Election Platform

A full-stack digital voting platform built for a school prefectorial board election.

React · Express · MongoDB

- Successfully handled a live election with ~600 voters with zero data loss.
- Gracefully recovered from on-field issues like real-time connection and human-error edge cases.
- Built secure ballot submission flow with MongoDB-backed persistence and a React frontend.

Squell | Browser-based SQL Sandbox

An in-browser SQL playground for writing, testing, and benchmarking SQL queries.

React · TailwindCSS · SQLite WASM

- Leveraged SQLite compiled to WebAssembly for fully client-side query execution.
- Implemented query benchmarking tools to measure and compare execution performance.
- Zero-backend architecture ensures instant setup and complete privacy for users.

BlitzBay | Battleship Game

The classic Battleship game for the browser, written in plain JavaScript with a proper build pipeline and tests.

Vanilla JS · Webpack · Jest

- Built with vanilla JavaScript and ES modules, with proper separation of concerns.
- Used Webpack to bundle the project, handling JavaScript build configurations.
- Wrote Jest unit tests covering ship placement, hit detection, and win conditions.

🎓 EDUCATION

B.Tech in Computer Science and Engineering (AI & ML)

Yenepoya University

08/2025 – Present | Mangalore, India