

ZEALOUS SEBASTIAN

Software Developer | Backend Developer

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OBJECTIVE

M.Sc. Computer Science graduate with hands-on experience in full-stack development, backend systems, database management, and AI-powered applications. Proficient in Python, JavaScript, Java, SQL, MySQL, MongoDB, and Git, with a passion for building scalable software, intelligent automation, and user-focused web applications. Eager to contribute to innovative engineering teams while continuously expanding my expertise in modern software development and artificial intelligence.

EDUCATION

M.Sc. Computer Science

Kristu Jayanti (Deemed to be University), Bengaluru

Aug 2024 – July 2026

CGPA: 6.56/10

B C A (Bachelor of Computer Application)

Sharada Degree College, mangalore

Aug 2020 – Apr 2022

CGPA: 6.68/10

Experience / Freelance

I architected and built CRM from the ground up, delivering a comprehensive, real-time lead management platform specifically tailored for overseas education consultancies. I developed the dynamic frontend using Next.js 16, React 19, and Tailwind CSS, while engineering a secure backend with PostgreSQL on Supabase to support features like an interactive 15-stage Kanban board, automated lead scoring, and instant WebSocket data synchronization. This end-to-end solution successfully replaced fragmented manual tools with a unified system, empowering counselors to efficiently manage the entire student journey and significantly reducing the agency's administrative overhead.

PROJECTS

ASCII STUDIO EDIT

[asciistudio](#)

ASCII Studio is a highly interactive, real-time creative suite that transforms your camera feed, video files, and images into stunning, customizable ASCII art and retro-styled graphics. Built with Next.js, React, and Tailwind CSS, it leverages HTML5 Canvas to perform lightning-fast, client-side pixel manipulation and rendering.

DETECTOR

[detecor](#)

A Chrome extension that detects and downloads videos, audio, and other media from websites. It works on 170+ sites including YouTube, Instagram, Twitter/X, TikTok, and many more. It also has a generic mode that tries to grab media from any site not on the list.

Vortex

[Vortex](#)

Vortex is a web based downloader where the user pastes the video and it downloads the videos, audio, and other media from websites.

CRM

CRM is a specialized, real-time lead management platform custom-built to streamline the complex daily workflows of overseas education consultancies. It centralizes the entire student journey—from initial inquiry and university applications to education loans and accommodation bookings—into a single, unified dashboard. Built with Next.js and Supabase, the system features automated lead scoring, real-time counselor collaboration via WebSockets, and strict role-based access control to prevent missed deadlines and optimize recruitment operations.

SKILLS

Technical:

JavaScript, TypeScript & React TSX, JSX, Tailwind CSS, HTML, Shell Scripting, GSAP, MongoDB, MySQL, PostgreSQL, three.js

Certifications:

Microsoft Certified: Azure Fundamentals (AZ-900) – Feb 2025

MICE (Manipal Institute of Computer Science) C, C++ – Nov 2019

Soft Skills: Communication, Leadership, Team collaborative, Problem-Solving, Time Management.

Languages: English, Kannada, Hindi.