

A full-stack software developer with 3+ years of professional experience in building scalable and user-centric web applications. Currently, enhancing an ed-tech CMS platform built using Angular, .NET and AWS, with a focus on performance, security and maintainability. Experienced in designing and deploying end-to-end system using Next.js, NestJS, MongoDB and Cloudflare. Also exploring Go (Golang) and Fiber framework based on the same.

WORK EXPERIENCE

Zeus Learning

Mumbai, India (Hybrid)

Senior Software Engineer

Jul. 2025 — Present

- Resolved security vulnerabilities aligned with **OWASP** standards, improving application's security posture.
- Addressed and resolved accessibility issues across the codebase to align with **WCAG 2.2 AA criterion**.
- Architected and developed an assessment player utilizing **rule-based logic** to deliver adaptive, branching questionnaires tailored to individual user performance.
- Developed a data-driven feature that enables teachers to visualize class-wide and individual performance through intuitive graphical insights, enhancing understanding of academic progress and outcomes.
- Did a POC on **Lexical** WYSIWYG editor with respect to its integration with Angular.
- Had an exposure to **SymPy**.

Software Engineer

Jul. 2023 — Jun. 2025

- Enhanced an ed-tech CMS web application by delivering new features and improving existing functionalities in line with evolving business requirements.
- Developed an **Angular micro-frontend** to handle Question and Test Interoperability (QTI) export, and integrated it with external LMS platform to enable seamless content delivery.
- Benchmarked and evaluated performance difference between **Rust (with REST)** and **.NET (with gRPC)** by developing basic microservices in both languages with same functionalities to identify whether we should migrate an existing microservice; Rust outperformed .NET implementation by **65%** in throughput.
- Updated CKEditor twice to latest v4.x.x LTS versions across the codebase to avoid security issues present in previous versions.
- Took a knowledge transfer session for the team regarding good code practices in C#, elevating overall code quality and maintainability.

PROJECTS

Interio Work [\(Live\)](#)

Dec. 2025 — Mar. 2026

Next.js, Tailwind CSS, NestJS, MongoDB, Cloudflare R2

- Developed and deployed a full-stack platform for showcasing interior design work with enquiry functionality.
- Built REST APIs and backend services using NestJS with structured DTO validation and modular architecture.
- Implemented image storage and delivery using Cloudflare R2 for optimized performance and scalability.
- Deployed frontend on Vercel and backend on Railway with CI/CD integration via GitHub.
- Ensured code quality using SonarQube and implemented production grade linting and validation.

Saathi - An AI Companion [\(Live\)](#)

Sept. 2022 — May 2023

MERN, Python, ML, NLP, NLU, CNN, LSTM, RASA, TensorFlow

Bachelor of Engineering's Thesis Project

- Saathi is a **generative chat-bot** developed to support individuals with psychiatric disorders through gentle and empathetic conversations; it has achieved **4th place** at **IIT Bombay Research Conclave (ResCon)**, a national-level competition.
- Scraped, cleaned and preprocessed over **100,000+ Reddit posts** from mental health forums focused on depression, anxiety and bipolar disorder to develop robust classification models.
- The chat-bot has language generation and understanding capabilities through the implementation of the **RASA framework**.

- It can detect emotions of anger, disgust, fear, joy, neutral, sadness, shame and surprise using a Machine Learning pipeline built using **CountVectorizer** and **Logistic Regression** and signs of depression, anxiety and bipolar disorder using Convolutional Neural Network (CNN).
- **Published the paper [Saathi: An AI Companion](#) at INSCIRD 2023**, organized by the IEEE Students' Branch, Shri Sant Gajanan Maharaj College of Engineering, Shegaon (June 2023).

DSolve - Where Your Questions find Answers [\(Live\)](#)

Jun. 2022

MERN, MUI

- Built a full-stack discussion platform with authentication, like/dislike and comment functionalities.
- Implemented question lifecycle management including marking answers as helpful or resolved.
- Independently designed and developed both frontend and backend.

SKILLS

Language	C#, Go, JavaScript, Python, TypeScript
Frontend	Angular, Angular Material, MUI, Next.js, React, shadcn/ui, Tailwind CSS
Backend & Databases	ASP.NET Core, AWS, Cloudflare, Express.js, MariaDB, MongoDB, NestJS, Nginx, Node.js, Redis
Workflow & AI	ChatGPT, Claude, Docker, Gemini, Git, GitLab, GitHub, Netlify, Railway, Vercel
Design	Figma
Communication	English (speaking, reading and writing), Hindi (native), Marathi (reading and writing)

EDUCATION

Bachelor of Engineering in Computer Engineering, <i>University of Mumbai</i>	8.91 CGPA	2019 — 2023
Higher Secondary Certificate Examination, <i>Maharashtra State Board</i>	71.54%	2019
Secondary School Certificate Examination, <i>Maharashtra State Board</i>	83.40%	2017

ACTIVITIES

- 4th place at [IIT Bombay Research Conclave \(ResCon\)](#) at national level Feb. 2023
- Competitions: 1st in [Excelsior](#) and Switch Code, 2nd in Web Designing, 3rd in Code Debugging at SLRTCE 2022
- Participated in a hackathon named LOC 5.0 organised by Dwarkadas J. Sanghvi College of Engineering Mar. 2023
- Participated in Hacktoberfest 2021 Oct. 2021