

# TUSHAR JAIN

Software Development Engineer

+91 81688 04025 | tushar01.tjdsk@gmail.com | linkedin.com/in/xenitane | github.com/xenitane | xenitane.xyz

## EDUCATION

**Indian Institute of Technology Guwahati**

Bachelor of Technology in Computer Science & Engineering

Assam, India

Jul. 2018 – May 2022

## EXPERIENCE

**Software Development Engineer**

Dec 2024 - Present

Tradesocio India Pvt. Ltd.

Noida, India

- Enhancing a production system built with **Node.js** & **C++**, implementing small features and resolving bugs to improve performance and reliability. While **collaborating with cross-functional teams** to streamline development processes and ensure high-quality software delivery.

**Technical Trainer**

Aug 2023 - Feb 2024

G.L.A. University

Mathura, India

- Taught/mentored students of various courses(Bachelors and Masters) **competitive programming**.
- Mentored students of various technologies like **React, Spring, Flutter, React-Native** for developing applications and projects.

**Software Development Engineer**

Jul 2022 – Jul 2023

OLA Electric Pvt. Ltd

Bengaluru, India

- Implemented, maintained **micro-services** responsible for product delivery in **Spring Boot / DropWizard.io** with several API endpoints to handle significant **network traffic** while monitoring them.
- Individually developed and maintained various **plugins/extensions** for **Magento2** WYSIWYG website builder for building a **minimal code content management system**.
- Implemented monitoring of **user activity** through the use of **Moengage WebSDK** which assisted the marketing team to **get insights and layout plan** for future campaigns.
- Built extensible/composable web component for rendering **geographical data** via **MapLibre** libraries for displaying legend **information about company services**.

## PROJECTS

**Seam Carver** | Individual Project

Apr 2024

**Tech:** C, STB Image Library

Git Repo

- An implementation of the seam-carving algorithm in C to resize image without losing details.
- This Algorithm does not any AI/ML models to achieve the aforementioned goal.
- The program removes the pixels across the seam with minimum energy as to not disturb the visuals.

**Social Media Application** | Team Project (7 People)

Jul 2022

**Tech:** Java, React, MongoDB, Spring Boot, Heroku

Git Repo

- A social media application with the base features of posts, reactions, comments, connecting, feed.
- This project focuses on implementing a secure authentication for protecting sensitive information.

**Tasks Manager** | Individual Project

Aug 2024

**Tech:** Go, Echo, Postgres

Git Repo

- A simple task tracking application back-end written in go.
- User authentication is done via JWT.
- Users can manage their plans by creating tasks with detailed description and a due date.

## TECHNICAL SKILLS

- Fundamentals:** Data Structures, Algorithms, Optimization, System Design, Debugging
- Languages:** C/C++, Go, JS/TS, Java, Python, Rust, Zig, Haskell
- Frameworks:** Astro, Echo, Fiber, Spring Boot
- Libraries:** React, AlpineJS, HTMX, SolidJS
- Database:** MySQL, PostgreSQL, MongoDB, Redis
- Tools:** Git, Docker, Bash, NeoVim, Make

## ACHIEVEMENTS

- Leetcode Weekly Contest 373:** Global Rank 202
- Leetcode Biweekly Contest 117:** Global Rank 540