

Soham Khataavkar

Mumbai | soham1260@outlook.com | +91 7499388208 | yourwebsite.com

linkedin.com/in/soham-khataavkar-899abb22b/ | github.com/soham1260

Education

Visvesvaraya National Institute of Technology Nagpur <i>B.Tech in Computer Science and Engineering - CGPA: 8.32/10.0</i>	July 2021 – May 2025 Nagpur, Maharashtra
Indian Institute of Technology Bombay <i>M.Tech in Computer Science</i>	July 2025 – May 2027 Mumbai, Maharashtra

Projects

sIDE+ <i>MongoDB, ExpressJS, ReactJS, NodeJS, Azure VM, Docker</i>	Demo Frontend Backend
<ul style="list-style-type: none">Created an online code execution platform supporting C, C++, Java, Python, and JavaScript with a rich code editor interface.Integrated Docker-based isolated execution environments with features like execution time limits to enhance security.Integrated features such as auto-save, auto-completion, and code-share to enhance the user experience.Deployed on a scalable and reliable Azure Virtual Machine, enabling efficient remote code execution.	
Globe Trotters <i>MongoDB, ExpressJS, ReactJS, NodeJS, Cloudinary</i>	Demo Frontend Backend
<ul style="list-style-type: none">Developed a vibrant travel blog platform enabling users to share experiences through multimedia blogs.Implemented secure authentication using JWT and bcrypt, with full-text search powered by MongoDB indexing.Integrated ReactPlayer for media playback and ReactQuill for rich-text blog composition.	
Simon Game <i>MongoDB, ExpressJS, ReactJS, NodeJS</i>	Demo Frontend Backend
<ul style="list-style-type: none">Built a web version of the classic Simon memory game where players repeat sequences of tones and lights.Developed using ReactJS, with ExpressJS handling server logic and MongoDB for data storage.Implemented local score tracking and global ranking to enable competition with past performances and other users.	
Setris <i>C++, Raylib, Make</i>	Demo GitHub
<ul style="list-style-type: none">Developed a custom implementation of Tetris in C++, enabling players to fully customize gameplay rules such as speed, block shapes, and drop behavior.Built with a fully modular architecture leveraging core Object-Oriented Programming (OOP) principles for scalability and maintainability.Deployed as a web demo by integrating C++ logic with a ReactJS frontend using WebAssembly for smooth in-browser execution.	

Achievements

Microland Smart Infra Hackathon - Winner	October 2024
<ul style="list-style-type: none">Developed a full-stack AI-powered health chatbot as part of a company-sponsored hackathon.Handled backend development, deployment and coordinated project integration to ensure smooth collaboration.Performance in the hackathon led to a full-time job offer from Microland as a <i>Software Developer</i>.	

Technical Skills

Languages: C, C++, JavaScript, SQL

Web Development: HTML, CSS, ReactJS, NodeJS, ExpressJS, REST APIs

Databases: MongoDB, MySQL

Tools & Platforms: Docker, Make, Cloudinary, Azure Virtual Machines, Render, Git, GitHub

Relevant Coursework

• Data Structures	• Operating Systems	• Computer Networks	• Database Management
• OOP	• Algorithms	• Computer Architecture	• Software Engineering