

EDUCATION

Bachelor of Engineering, Computer Science

2019, University of Mumbai
Cumulative Grade: 8.7 / 10

EXPERIENCE

Front-end Engineer / Agile Developer @ TCS

July 2019 – Present

PROJECTS (PROFESSIONAL)

DoD

Angular, Vue, Spring Boot, IBM DB2

A set of applications that are part of compliance and risk analysis systems in banking

AutoDoc

Java, JavaFX, WebCanvas API

A proof-of-concept project including tools to automatically generate TDD's (Technical Design Documents) given a documented COBOL program as input and to generate basic stub programs

PROJECTS (INDIVIDUAL)

EqPlot

Android, Java

An app for evaluating mathematical equations and visualizing its 2D/3D representation.

NodeIP

NodeJS, JavaScript, WebCanvasAPI

An online tool for Image processing through an easy-to-use node editor.

OpenChat

Vue, Firebase, NodeJS, Indexed DB, Socket.io

Online group-based chat application with image, video, and file sharing.

Menu Visualizer

Android ARCore, Unity, C#

An Augmented Reality app to show various restaurant menu items, their price, nutritional information, etc. virtually served on the table.

Painting Livifier

Android ARCore, Unity, C#

An Augmented Reality app to showcase how real paintings in art galleries, exhibitions can be made virtually alive.

TankMe

JavaScript, NodeJS, PeerJS, Firebase, Socket.io

Web multi-player PvP survival game with matchmaking logic and survival stats

Online Sound Mixer

JavaScript, WebAudio API, CSS3

Online web app for audio mixing, filtering, and recording of small audio samples.

Percept

TypeScript, WebCanvas API, NPM

An HTML5 canvas rendering framework that provides a scene graph, lifecycle hooks, image rendering, etc. via easy-to-use API

Visual Audio Processor

JavaScript, WebAudio API, WebCanvasAPI

An online web app that provides an easy-to-use node editor for audio processing, synthesis, and visualization in three different domains.

HiDE (Academic)

TypeScript, Angular, NodeJS, Socket.io, PeerJS, WebAudio API, WebRTC, Linux, SSH etc.

A Cloud-based platform for project creation and development in teams with real-time collaboration tools.

SKILLS

Languages



JavaScript



TypeScript

Technologies



Vue



React



Angular



NodeJS



ReST



Web APIs



NPM

ACHIEVEMENTS

2016 | TCS Codevita 5
Participated

2017 | TCS Codevita 6
Participated

Rajasthan Hackathon, Udaipur
Participated

Texas Instruments IICDC
Participated

2018 | Rajasthan Hackathon
Jaipur
Merit

Rajasthan Hackathon
Bikaner
Participated

2019 | Smart India Hackathon / Amadeus IT Group
Finalist



saurabhbhagat98die@gmail.com



+91 9370622127