

# SHEENA GUPTA

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## SOFTWARE ENGINEER

**LANGUAGES:** JavaScript, Python, SQL, HTML, CSS

**FRAMEWORKS/ TOOLS:** Flask, Express, React, Redux, Node.js, PostgreSQL, GIT, HTTP, RestAPI

**KEY SKILLS:** Pair Programming, Debugging, Deployment, Test Driven Development, OOP, Scrum Methodologies

## PROJECT EXPERIENCE

**JUZ-BNB** • React • Node • Redux • Express • Postgres • HTML5 • CSS3

[Code](#) • [Live](#)

A full stack clone of AirBnB.com where users can create spots, add images and leave reviews on their favorite spot.

- Incorporated full CRUD functionality within an application using REDUX and REACT.js to create, retrieve, update and delete data dynamically.
- Integrated user authentication and Crypt.js for secure password hashing and a safe and protected user experience.
- Optimized data flow using Express.js and SQL enhancing efficiency in handling user interactions and database queries.

**SHOPSY** • React • Node • Redux • Python • Flask • Postgres • HTML5 • CSS3

[Code](#) • [Live](#)

Shopsy is a clone of Etsy.com – a group project focusing on creating a feature-rich online marketplace.

- Actively participated in an Agile dev environment, collaborating with team members to ensure efficient project delivery.
- Administered version control using Git maintaining a clean and organized codebase.
- Applied responsive design principles using HTML5 and CSS3, ensuring a user-friendly experience across various devices.

**TRYGLASSES** • React • Node • Redux • Python • Flask • Postgres • HTML5 • CSS3

[Code](#) • [Live](#)

Tryglasses is an e-commerce website specializing in eyeglasses and sunglasses, inspired by GlassesUSA.

- Used ReactJS and Redux/Flux to dynamically render pages, reducing load times by storing data in state variables
- Designed a responsive promotional carousel to display multiple engaging images for splash page and React useEffect hooks to ensure a clean and streamlined view of listings.
- Tested functionalities using SDLC methodologies, ensuring robust performance and compliance with quality standards.

## WORK EXPERIENCE

**UNIVERSITY OF MUMBAI** • Assistant Professor • India

Jul 2018 – Oct 2018

- Delivered lectures to undergraduate students on Image Processing and Digital Communication
- Instructed the development of lab work in MATLAB

**UP TECHNICAL UNIVERSITY** • Lecturer • India

Jun 2008 – Apr 2012

- Conducted lectures on Data Structures for freshman and on Wireless & Mobile Communication for sophomore students
- Supervised students' laboratory work for Communication lab
- Managed responsibility for discipline and emergencies in girls' hostel as warden

## EDUCATION

**APP ACADEMY** • Full Stack Web Development • USA

Jul 2023

Immersive 1,000-hour software development course with <3% acceptance rate

**UNIVERSITY OF MUMBAI** • Masters of Engineering • India

Apr 2017

Major: Electronics and Telecommunication, Cumulative Grade Point Index: 9.95

Project: Designed a Video Search Engine proposing new techniques of Fused Image and Template Matching which resulted in better metrics than the other content-based retrieval methods. Published the [paper](#) and presented in international [conference](#).

**CENTER FOR DEVELOPMENT OF ADVANCED COMPUTING** • Post Graduate Diploma • India

Feb 2008

Major: Wireless Technologies, Grade: A+

**UP TECHNICAL UNIVERSITY** • Bachelor of Technology • India

Apr 2007

Major: Electronics and Communication, Cumulative Marks: 78.5%