

SHEENA GUPTA

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Redmond, WA • EAD to work in the United States

SOFTWARE ENGINEER

Languages: Java, JavaScript, Python, SQL, HTML, CSS,

Frameworks/ Tools: Flask, Express, React, Redux, Node.js, Sequelize, SQLAlchemy, PostgreSQL, GIT, HTTP, REST API, Spring, Spring Boot

Key Skills: Pair Programming, Debugging, Deployment, Test Driven Development, Scrum Methodologies

CERTIFICATION

Oracle Cloud Infrastructure 2024 Certified Foundations Associate

Oct 2024 - Oct 2026

WORK EXPERIENCE

GENISYS APP • Cloud Computing Intern • USA

June 2024 - Present

- Currently interning as a Cloud Computing Intern, specializing in Oracle Cloud Infrastructure, where I contribute to optimizing cloud environments and gain practical exposure to cloud technology in enterprise applications.

OrcaSound • Full Stack Engineer as volunteer • USA

Aug 2023 - Present

- Optimized user journey and engagement using Next.js, JavaScript, Typescript, HTML and CSS, enhancing the Navigation Bar for improved accessibility on Orcahome.

Philadelphia Outreach • SquareSpace Developer as volunteer • USA

Sep 2023 - Mar 2024

- Developed website pages, integrating third-party applications and custom features to enhance user experience. Collaborated on critical elements like Sign-up forms and Donate buttons, following Figma designs.

University of Mumbai • Assistant Professor • India

Jul 2018 - Oct 2018

- Delivered lectures on Image Processing and MATLAB, significantly improving exam scores.

UP Technical University • Lecturer • India

Jun 2008 - Apr 2012

- Delivered lectures on C++ programming for freshmen and on Data Structures for sophomore students emphasizing a hands-on learning approach through interactive lessons and real-world projects.

PROJECTS

Tryglasses.com • React • Node • Redux • Python • Flask • Postgres • HTML5 • CSS3

[Code](#) • [Live](#)

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

- Designed splash page with responsive promotional carousel and created streamlined listings view using React useEffect hooks.
- Implemented WTForms to enhance data validation, safeguard sensitive data, and prevent unauthorized access.
- Crafted reusable, modular React components for diverse features, fostering code maintainability and scalability while adhering to the DRY and SRP principles.

Shopsy.com • 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.

- Engaged in Agile development, actively collaborating with team members to ensure efficient project delivery while maintaining a clean and organized codebase through effective version control using Git.
- Utilized collaborative issue tracking, pair programming, and regular code reviews for project management.
- Conducted testing with Postman to validate the functionality and compliance of endpoints, meeting the defined criteria.

HACKATHONS

Christmas I-Spy Game • React • Typescript • Tailwind CSS

[Code](#) • [Live](#)

Developed a React game app with dynamic logic and UI in a 24-hour Holiday Hackathon'23, hosted by the [Codédex](#) community.

Childcare Connect • Next.js • Typescript • Tailwind CSS • Flask

[Code](#)

Created a website for Jada's Childcare Services, participating as a team, in the 3-week Winter Hackathon organized by App Academy.

EDUCATION

App Academy • Immersive 6-month Full Stack Web Development course • USA

Jul 2023

University Of Mumbai • MS in Electronics with 4.0 GPA • India

Apr 2018

Designed a Video Search Engine. Published the research [paper](#) and presented it at an international [conference](#).