

# Shreya Laheri

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## Vision

"To leverage my creativity, innovation, and web development skills to create captivating and immersive digital experiences that communicate information effectively and leave a lasting impact"

## Skills

**Software Languages:** HTML, CSS, JavaScript, React.js, Flask, SQLite3, C, C++, Java, Python & GoLang.

**Software:** Figma, Git, Visual Studio Code, Matlab, IntelliJ, SAP Analytical Cloud, CodeBlocks, ArduinoIDE, Packet Tracer, Proteus, Eagle, LTSpice, Word, PowerPoint, Excel, Outlook, SharePoint, Forms and LaTeX.

**Certification:** Introduction to HTML5; Introduction to CSS3; Front-End Web Development with React; Complete Python Bootcamp; SAP Simplified for Absolute Beginners; The Complete SAP Analytics Cloud Course

**Award:** Dean's Fellowship (Drexel University)

## Experience

### Drexel University

RESEARCH COMPLIANCE ASSISTANT

Philadelphia, PA

Mar. 2023 - Present

- Assist in developing and implementing streamlined processes for reviewing research proposals, grant applications, and disclosure forms, and conduct thorough investigations and assessments to identify and address potential conflicts of interest

### Ernst & Young

SAP ANALYST SUMMER INTERN

Mumbai, IN

Mar. 2022 - Jul. 2022

- Received training in SAP ERP platform and SAP Analytic Cloud. Created data sets and demo models using SAP Analytics Cloud
- Handled data cleansing, validated data, and identified key performance metrics for preparing story reports using SAC
- Actively participated in application development projects, collaborating with cross-functional teams to align solutions with client requirements and ensure optimal functionality and usability

### Space Up Technologies

WEB DEVELOPER

Mumbai, IN

Dec. 2018 - Aug. 2019

- Designed and implemented the UI/UX for the company's website using HTML5, CSS3, and JavaScript frameworks such as React.js, resulting in a 30% reduction in bounce rate and increased user engagement
- Collaborated with other developers on GitLab to develop front-end design of Space Cloud, a Kubernetes based serverless platform that provides instant, realtime APIs on any database
- Mentored new interns in HTML and CSS by assigning them small tasks and providing feedback and guidance
- Implemented projects such as a blog and a learn app to showcase the features and tutorials of Space Cloud, using HTML, CSS, JavaScript, and React.js

## Projects

### Web-based Farm Monitoring System

- Implemented sensor networks consisting of PIRs and different sensors using Arduino and GSM boards
- Designed the wireframes for the web-app using Figma
- Worked with a team of developers to build the web-app for the farmer using Reactjs and Firebase
- Increased crop yields by 30% while reducing water usage by 20%, and reduced the need for on-site personnel by 50%. Over all, profits were increased by 40%

### Skateboard & E-bike Project

- Actively collaborated with the core development team to develop mobile applications for a skateboard and an e-bike rental service, with a focus on improving UI/UX
- Co-ordinated with developers and management to ensure project milestones were met and deliverables were met on time
- Conducted rigorous testing of the application to ensure functionality and usability, providing feedback and recommendations to the development team for improvements, resulting in a 20% increase in user adoption and rental revenue

### Attendance System

- Developed a system that automates the process of taking attendance at events with large audiences
- Designed custom PCB on Eagle CAD and scripted using Python to store and analyze RFID data

### SpotFinder

- Collaborated with the team to design and implement the IoT-based parking reservation system using Node.js and MongoDB
- Contributed to the optimization of parking spot allocation algorithms, resulting in a 40% reduction in search time and improved visitor experience

## Education

### Master of Science - Drexel University

MAJOR: COMPUTER SCIENCE - 3.44 / 4.00

Philadelphia, PA

Sept. 2022 - Jun. 2024

### Bachelor of Technology - K.J.Somaiya College of Engineering

MAJOR: ELECTRONICS ENGINEERING - 3.57 / 4.0

Mumbai, IN

Aug. 2019 - Jun. 2022