Shreya Laheri

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Vision

"To contribute as a software developer or data analyst, leveraging my expertise in web development, frontend and full-stack technologies, and data-driven problem solving to deliver efficient, impactful, and scalable solutions."

Skills

Languages: Python, Java, SQL, Javascript, C, C++, GoLang
Software: Git, Docker, Numpy, Pandas, Tensor Flow, PyTorch, Flask, jQuery, AJAX, Agile Software Development, Visual Studio Code, IntelliJ, Matlab, SAP Analytical Cloud, Office, Keras, GraphQL, REST, Tableau
Web Technology: HTML, CSS, Javascript, PHP, React.js, Node,js, Figma, MaterialUI, Materialize, Ant design, Tailwind CSS
Databases: Oracle, Microsoft SQL Server, MySQL, SQLite3, Firebase

Experience

One Community
Remote

SOFTWARE ENGINEER — *October 2024 - Present*

- Played a key role in the successful completion of Phase 3 by mapping project requirements to features, collaborating with the UI/UX team to translate designs into functional pages, and deploying the pages on GitHub for efficient and effective implementation

Drexel University
Philadelphia, PA

TECHNICAL SPECIALIST — *March 2023 - Present*

- Created automated tools to streamline IRB protocol review, ensuring consistent ethical standards and regulatory compliance
- Implemented a Smartsheet-based system, transitioning conflict of interest management from paper to digital, improving data integrity by 30% and enhancing reporting efficiency
- Built a secure database system for managing sensitive data with robust encryption and access controls
- Assisted in the technical evaluation of COEUS replacement options, focusing on API integration and scalability for university-wide research management software

Space Up Technologies
Mumbai, IN

WEB DEVELOPER — *July 2018 - August 2019*

- Increased user engagement by 30% by designing and building a user-friendly website UI/UX with HTML5, CSS3, and React.js, leading to a significant bounce rate reduction
- Collaborated with backend developers on GitLab to design and implement the front-end for Space Cloud, a Kubernetes-based serverless platform enabling real-time API creation on various databases
- Mentored three junior developers, enhancing their front-end skills through tailored feedback and targeted tasks
- Implemented SEO best practices across the blog platform, resulting in a 60% increase in organic search traffic; improved visibility contributed to higher user engagement and interaction with their educational content

LAGS TechSolutions LLP
Mumbai, IN

SOFTWARE DEVELOPER INTERN — *December 2017 - July 2018*

- Developed a scalable web application using React, Node.js, and MongoDB to monitor and control a piezo-electric energy generation system
- Contributed to the development of elevator panel software, including PCB assembly and microchip programming, working collaboratively with other team members
- Actively participated in application development projects, collaborating with cross-functional teams to align solutions with client requirements and ensure optimal functionality and usability

Projects

Web-based Farm Monitoring System
- Built sensor networks with PIRs and various sensors using Arduino and GSM boards.
- Created web-app wireframes using Figma.
- Collaborated with developers to build a farmer-facing web-app with React.js and Firebase.
- Increased crop yields by 30%, reduced water usage by 20%, cut on-site personnel by 50%, and boosted profits 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

Education

Master of Science - Drexel University
Philadelphia, PA

MAJOR: COMPUTER SCIENCE - **3.44 / 4.00** — *September 2022 - June 2024*

Bachelor of Technology - K.J.Somaiya College of Engineering
Mumbai, IN

MAJOR: ELECTRONICS ENGINEERING - **3.57 / 4.0** — *August 2019 - June 2022*