Shreya Laheri

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Vision

"My vision as a software developer is to go beyond just writing code—to create solutions that are impactful, scalable, and user-friendly. I'm passionate about leveraging technology and intuitive design to make a meaningful difference through my work"

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*

- Led the successful implementation of Phase 3 by analyzing project requirements, mapping them to features, and collaborating with the UI/UX team to design and deploy user-friendly interfaces on GitHub, accelerating the project timeline by 15%
- Reviewed and tested 50+ pull requests, identifying and resolving critical bugs to reduce defects by 10%, while maintaining code quality through adherence to TDD and SOLID principles

Drexel University
Philadelphia, PA
Technical Specialist — *March 2023 - Present*

- Implemented a Smartsheet-based conflict-of-interest management system, improving data integrity by 30%, boosting efficiency by 50%, and reducing review time by 50%, with enhanced security and compliance through encryption and role-based access controls
- Contributed to the technical evaluation of COEUS replacement options, analyzing API integration and scalability, and driving the adoption of a modern research management software to replace a 15-year-old system, setting new benchmarks for efficiency and innovation
- Designed and deployed automated tools to streamline IRB protocol review, reducing processing time by 20% while ensuring consistent ethical standards and regulatory compliance.

Ernst & Young
Mumbai, IN
SAP Analyst Summer Intern — *March 2022 - July 2022*

- Developed and optimized datasets in SAP Analytics Cloud (SAC), cleansing and validating data to ensure accuracy, which improved reporting efficiency by 30%
- Created dynamic dashboards and story reports by identifying key performance indicators (KPIs), enabling real-time business insights and improving decision-making processes
- Automated data pipelines and integrated multiple data sources into SAC, reducing data processing time by 25%, improving overall functionality

Space Up Technologies
Mumbai, IN
Web Developer — *July 2018 - August 2019*

- Boosted user engagement by 30% by crafting and implementing a responsive website UI/UX with React.js, significantly reducing bounce rates
- Partnered with backend developers on GitLab to create the front-end for Space Cloud, a Kubernetes-based serverless platform enabling real-time API creation on multiple databases
- Mentored 3 junior developers, enhancing their front-end skills through tailored feedback and targeted tasks
- Optimized SEO strategies across the blog platform, increasing organic search traffic by 60% and enhancing interaction with educational content

Projects

Web-based Farm Monitoring System
• Designed and implemented sensor networks using Arduino to monitor soil moisture, temperature, and crop health in real time.
• Developed a web app with React.js and Firebase, enabling remote monitoring and control of farm operations through an intuitive interface
• Improved agricultural efficiency by increasing crop yields by 30%, reducing water usage by 20%, cutting on-site personnel by 50%, and boosting profits by 40%

Skateboard & E-bike Project
• Contributed to the development of mobile applications for a skateboard and e-bike rental service, integrating location-based services and payment gateways for seamless user functionality.
• Streamlined project workflows by coordinating between cross-functional teams, ensuring timely delivery of features such as ride tracking and rental history.
• Performed end-to-end testing, identifying bugs and optimizing performance, resulting in a 20% increase in user retention 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 / 4.00 — *August 2019 - June 2022*