# NISCHAL **SHRESTHA**
## TECHNICAL ANALYST

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## EDUCATION

**TRUMAN STATE UNIVERSITY KIRKSVILLE, MO**                                        Aug. 2014 - Dec. 2018
Bachelor of Science in Computer Science
GPA - 3.75 / 4.00

## EXPERIENCE

**IN10T.AG** - St. Louis, MO
**Software Developer**                                                                        Feb. 2020 - Present
• Design and develop new features for internal and client applications called The Trial System, a portal that allows farmers and agtechs to enroll, track, manage their trial progress
• Work primarily in front-end development of the application using React, Redux flow and various components from NPM and React library
• Collaborate with UX Designers, Client Managers, and Product Owners to build best in class user facing applications
• Share the facilitation of daily stand-up, backlog grooming and iteration planning meetings serving as a Scrum Master role in Agile methodology
• Train and supervise the junior developers, provide technical support to project team members, handle the technical lead role when required

**THREEBRIDGE SOLUTIONS, LLC – THE BOOM LAB** - St. Louis, MO
**Technical Analyst Consultant**                                                         Feb. 2019 - Feb. 2020
• Worked as a Data Analyst for a client of Boom Lab, IN10T.ag - an agricultural technology company
• Administered digital analytics dashboards using Google Analytics, Google Ads and Data Studio to analyze online user behavior and data
• Analyzed geo-spatial data from harvester monitors to evaluate the effectiveness of fertilizer applications and create yield maps
• Supervised Flight Plans project by ordering and processing aerial imagery to monitor crop performance, yields and soil zones
• Built a functional WordPress website with shared hosting for an AgTech client from scratch - www.platinum.ag

**EQUIFAX** - St. Louis, MO
**IT Business Analyst Intern**                                                            May 2018 - Aug. 2018
• Gathered requirements from business users and translated them to the technical team using UML diagrams and functional design documents to support implementation of I-9 Partner Integration project
• Shared the facilitation of daily stand-up, backlog grooming and iteration planning meetings serving as a Scrum Master role
• Created dashboards and automated reports using SPLUNK for Starbucks to monitor their I-9 applications and transactions
• Led a team of 4 developers as an IT Architect to determine and implement structural database requirements for the intern project

**TRUMAN STATE UNIVERSITY** - Kirksville, MO
**Union and Involvement, Web Development Specialist**                          May 2017 - Jan. 2019
• Revamped and maintained all the U&I and Student Union websites layout and user interfaces using WordPress, HTML, CSS, and JS
• Collaborated with the Outreach team to transform the website experience through innovative design, content, and functionality
• Developed SEO strategies based on keyword research by monitoring & generating traffic, conversions, keyword rankings and reports
• Built an internal portal that allows the U&I employee to interact with department data and track project progress

**Information Technology Services, Student Technician**                          Apr. 2015 - Jan. 2019
• Provided professional IT support and customer service to more than 5000 students and 400 faculties of the university
• Troubleshot a range of software, hardware and connectivity issues to provide an optimal customer service experience
• Closed 75% of trouble tickets on the first call without escalation according to the last year report
• Trained and assisted employees within a Multimedia lab specializing in editing software like Adobe Suite, Indesign, and Final Cut Studio

## PROJECTS

**THE BUDDY SYSTEM – EQUIFAX INTERN PROJECT**                                     June 2018 - Aug. 2018
• Developed an internal carpooling web application to facilitate transportation to and from work for company employees
• Implemented front-end using HTML5. CSS. JavaScript and back-end using Python Flask framework and SQLite

**DOWNLOAD ACCELERATOR**                                                             Feb. 2018 - Mar. 2018
• Built a tool in Java that helps manage and increase the download speed using dynamic file segmentation
• Ensured the connection is fully utilized by using transmission control protocol and multi downloading threads

## SKILLS

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|---|---|
| **LANGUAGES** | JavaScript, React, Python, Java, HTML5, CSS3, SQL, Flask |
| **SOFTWARE** | SPLUNK, ESRI ArcGIS Pro, JIRA, GIT, BitBucket, Google Analytics & Ads, WordPress, WebStorm |
| **CERTIFICATIONS** | Certified Scrum Product Owner, Certified Splunk User, Secure Software Dev Training |