Nischal Shrestha

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EDUCATION

- **Truman State University** — Kirksville, MO
  Bachelors of Science in Computer Science; GPA: 3.75 / 4.00 — *Aug 2014 - Dec 2018*

  - **Courses**: Data Structures and Algorithm, Computer Architecture and Organization, Object Oriented Programming and Design, Internet Programming, Systems Programming, Database Systems, Cyberethics, Computer Networks, Computer Security Fundamentals, Programming Languages, Computing Structures

EXPERIENCE

- **IN10T.AG** — St. Louis, MO
  Senior Software Developer — *Feb. 2020 - Present*
  - Work as the technical lead for one of the biggest clients to build a portal that allows farmers and agtechs to enroll, track, manage their trial progress
  - Lead the development of the application, design and develop new features 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

- **Turnberry Solutions** — 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 analytic 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 Union and Involvement 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 internal employees to interact with department data and track project progress

- **TRUMAN STATE UNIVERSITY** Kirksville, MO
  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

- **Advice from Beagle**: Developed a free advice generator web application using simple markup languages, vanilla JavaScript and RESTful APIs. (Aug. 2020)
- **Buddy System**: 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. (Jun. 2018)
- **Download Accelerator**: 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. (Feb. 2018)
- **E-commerce Website**: Developed an e-commerce for selling traditional handicrafts website using HTML5, CSS3, JavaScript - React JS on Python backend and PostgreSQL database. (Dec. 2017)
- **GUI Calculator**: A graphical user interface scientific calculator built in Java containing logarithmic, exponential and trigonometric functions. Front-end has been designed by java swing API and eclipse swing window builder. (Sep. 2017)
- **Personal Portfolio**: Built a personal portfolio website using standard HTML5, CSS3 and JavaScript to showcase all the professional experience and achievements. (Dec. 2016)

Honors and Awards

- IN10T MOST COMMITTED EMPLOYEE: This award was given to the employee who performed above and beyond their capabilities ensuring the maximum productivity and who display true loyalty towards their organisation. (2019)

- OUTSTANDING STUDENT WORKER: This award is given to the student worker (scholarship, institutional, or work study) who have exemplified a positive work ethic in their positions of employment. This student has demonstrated exemplary attendance, dedication, and positive attitudes in their areas of work. (2018)

Scholarships

- INTERNATIONAL PRESIDENT'S HONORARY SCHOLARSHIP: This scholarship recognizes outstanding academic performance and extracurricular involvement by offering a significant scholarship program for international students. (Aug. 2014)

- LYLE INGRAHAM SCHOLARSHIP: The Lyle Ingraham Scholarship is awarded to students who have demonstrated academic performance and leadership to foster an entrepreneurial spirit. (Jun. 2016)

- JOE K. HASENSTAB ENDOWED SCHOLARSHIP: This scholarship was established in 2000 by a generous gift from Joe Hasenstab ('60) to provide financial assistance to young leaders. This assistance is provided with the hope that recipients will go on to be successful members of society and continue to strengthen their relationship with Truman through charitable donations of either time or resources. (Feb. 2016)

- JOHN AND MERRIL MORLEY COMPUTER SCIENCE SCHOLARSHIP: This scholarship fund was established in 2011 in honor of John and Merril Morley by their son, Dr. Lanny Morley ('62, '64) and his wife, Beth ('63) for outstanding Computer Science major students. (May. 2017)

- DALE WOODS MATHEMATICS: This scholarship was founded by friends to honor Dale Woods, head of the Mathematics and Computer Science division from 1965 until his retirement in 1982. He served Truman for 23 years, initially as a temporary instructor of math. (Apr. 2018)

- HOLMAN FAMILY GRADUATE STUDENT SCHOLARSHIP: This scholarship recognize students who promote academics, leadership and service excellence at Truman. It is given to students who desire to help deserving young people in their pursuit of higher learning. (May. 2018)

Skills Summary

- **Languages**: Java, C++, Python, JavaScript, React JS, NextJS, SQL, HTML5, CSS3
- **Tools**: Splunk, Docker, Postman, GIT, TWilio, JIRA, PowerBI, BitBucket, JIRA, Postgres
- **Certifications**: Certified Scrum Product Owner, Certified Splunk User, Secure Software Development Training