Binisha Shrestha | (+701) 739.7051 | shrestha.binishaa@gmail.com

LANGUAGE AND TECHNOLOGIES

- **Proficient**:: Java, PHP, C, C++, C#, SQL, PostgreSQL, SQLite, MongoDB, Firebase, Git, jQuery, AJAX, HTML5, CSS3
- **Exposure**: JavaScript, AngularJS, Node.js, Python, Swift, AWS, MongoDB, React native, PERL, Swift

PROFESSIONAL EXPERIENCE

Energy & Environmental Research Center | Software Programmer | *Grand Forks, ND*   **June 2020 - Dec 2020**
- Build a Java application for predicting the size and composition of ash during coal combustion using core Java, SQL, and Git
- Revised program files are written in c and worked on optimization and scalability of the application.
- Acted as the development lead of a small, efficient virtual team.
- Involved in all the phases of Software Development Life Cycle SDLC, including analysis designing, coding testing, and GUI deployment of the application.
- Participated in Functional Design Document and Technical Design Documentation.

University of North Dakota | Graduate Teaching Assistant| *Grand Forks, ND*   **Jan 2019 - Dec 2020**
- Worked as a teaching assistant for a variety of classes, including python, C#, operating system, and Systems programming
- Maintained grade-book records for 100+ students per semester and performed all teaching duties, mentor, and clerical help

KDUO Production | Software Developer | *Nepal*   **Sep 2017 - Dec 2018**
- Developed an Android app based on trading stocks that teach how to invest in the Nepal stock using techniques such as Model View Viewmodel (MVVM), Retrofit, Test Driven Development, Firebase, and Material Design
- Implemented graph display functionality and clean Architecture using Dagger2 and RxJava.
- Took ownership of given projects and architected/designed solutions, developed, tested, deployed, and maintained
- Integrated services such as Facebook SDK, OneSignal, Firebase, and a new media library of several radio apps ultimately used by over 100,000 users.
- Led the development of a map-based android application collaborative real-time mapping with Firebase.
- Managed a team of three developers.
- Worked closely with developers to ensure the highest quality of code through unit tests, code reviews, and paired programming.

Bookworm e-tailing Enterprise | Software Engineer | *Nepal*   **June 2016 - July 2017**
- Developed Magento based E-commerce web applications using HTML, CSS, Bootstrap, JavaScript, MySQL, and PHP
- Developed the stock management application, a desktop application that provides enterprise risk management software solutions.

New IT Venture | Software Engineer | *Nepal*   **Oct 2014 – Oct 2016**
- Developed a Java-based Android application integrating REST APIs for most Android TV devices and different clients.
- Designed a SaaS product to create executables for various target devices (Android set-top Box) from a single Java codebase.
- Contributed to migrating 20+ android application from ADT plugin project to Intellij Idea
- Developed a 50+ OTT/IPTV application that allows accessing Live TV Channels, Catchup TV, Movies, and On-Demand Contents through Multiscreen.

EDUCATION

Master of Science in Computer Science   **Dec 2020**
University of North Dakota, Grand Forks, ND   GPA: 3.62/ 4.00

LEADERSHIP EXPERIENCES

Women Leaders in Technology (WLiT) | Co-Founder and Technical Incharge | Nepal   **July 2015 - Present**
- Co-founded a women-centric tech organization with a vision to encourage and help young women leaders in the technological field
- Led training on Android Development for 30 participants and made them build applications in 2 weeks.
- Planned and organized activities and programs, including the annual boot camps and fellowships since 2015
- Provided workshop on WordPress website development for local professionals

AWARDS

Australian Awards Fellowship   **2017 May**
University of Southern Queensland, Queensland, Australia
- Received a scholarship to attend three weeks long workshop on Empowering women through entrepreneurship and business innovation in Srilanka, Nepal, and Bangladesh hosted by the University of Southern Queensland.
- The program addressed the empowerment of women through entrepreneurship, digital technology, and innovation in Australia.