

Bijay Maharjan

bijay.maharjan5@gmail.com | (870)-949-9173 | bmaharjan.com | LinkedIn: bijay-maharjan | Github: bm1905

EDUCATION

Louisiana State University Shreveport

Shreveport, LA

Master of Science (4+1 Program), 4.0 GPA, December 2020

- **Coursework emphasis:** Computer Systems Technology

Bachelor of Science, 3.95 GPA, May 2020

Summa Cum Laude

- **Major:** Computer Science **Concentration:** Software Development

TECHNICAL SKILLS

Languages: Java, JavaScript, C#, Python, Swift

Databases: MySQL, MongoDB

Frameworks & Libraries: React, Node.js, Express.js, React Native, .NET Core, Xamarin Forms

Developer Tools: Git, Subversion, Docker, Sanity, TravisCI, Nginx, Heroku, AWS, Tableau

Operating Systems: Windows OS, Ubuntu, macOS

EXPERIENCE

Graduate Assistant at LABi

June 2019 - present

Louisiana State University Shreveport (LSUS)

Shreveport, LA

- Contributed to database development by designing SQL schemas, and wrote scripts to automate the insertion of a large chunk of data from CSV files to the database
- Designed and implemented backend server architecture using Node.js, developed RESTful APIs, implemented CI/CD pipeline with automated testing and version controls like Git and SVN
- Developed mobile applications using modern technologies like Xamarin Forms, React Native and Swift, deployed them to Google Play Store and Apple Store

Full Stack Developer Intern

June 2020 - August 2020

STEM Away

Remote Internship

- Developed a custom discourse theme using JavaScript, CSS, and Handlebars that can be integrated into any discourse forums
- Remotely collaborated with international team members following Agile Methodologies, presented the final product to the Vice President of Software Development & Business Strategy at Intel

PROJECTS

Project Links: linktr.ee/bmaharjan | bmaharjan.com

Personal Blogs

July 2020 – August 2020

HTML/SASS, JavaScript, Next.js, Sanity, React-Bootstrap, Express.js, Git, Heroku

- Constructed a SSR Web application for posting and managing tech-related blogs, implemented Next.js and React-Bootstrap for responsive frontend and Sanity, a headless CMS for content management

ApartmentMe

May 2019 – May 2020

HTML/SASS, JavaScript, React.js, Express.js, MongoDB, Git, Heroku

- Built a responsive SPA Web application using React.js that allows users to search or post apartments for rent in a selected location
- Implemented RESTful API design along with Node.js, Express.js and MongoDB for backend, used MongoLab and AWS S3 for storing data, automated CI/CD pipeline using Heroku and Github

Diabetes Risk Calculator

June 2019 – December 2019

C#, Xamarin Forms, Subversion

- Developed frontend of cross-platform mobile application in LABi for Feist-Weiller Cancer Centre that uses Heikes et al. decision tree classifier to improve the detection of undiagnosed and pre-diabetes
- Built the frontend of application using .NET framework (Xamarin Forms) and deployed it to Google Play Store and Apple Store