Matina Shrestha

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SUMMARY

Software Engineer with experience in designing and building responsive, dynamic applications. Currently working on building consumer-facing web applications using the MERN Stack. Although I gravitate towards front-end development, I am well adept at backend as well. I aspire to work as a developer by devoting my technological versatility, problem-solving outlook, and cognizance towards formulating a great user experience.

SKILLS

Programming: JavaScript, Java, Python, C, C++, Typescript, Laravel   **Tools:** VS code, Git, Slack, Figma, JIRA
Framework: React.js, Node.js, WordPress, MVC, Tailwind CSS, Next.js   **Database:** MongoDB, MySQL
Cloud & Others: AWS (EC2, S3), Azure, Docker, Kubernetes, REST API   **Methodologies:** Agile, Scrum

EXPERIENCE

Algorizin Inc   **New York, NY**
Software Developer   *Aug 2022 - Present*

- Designed and developed a web app that assists users with job readiness, interviews, and preparing from crowd sourced question bank using *React.js* and *Tailwind CSS*
- Visualized insight about watch history of video contents by utilizing *NodeJS* and *PostgreSQL* to track user activity and performing CRUD operations using *REST APIs* in the backend
- Built an information collection page using *React.js* to grab user data where users can place their information which will aid in auto filling application in job application portal, thereby improving user experience
- Customized a user dashboard where users can track their learning progress
- Collaborated with scrum master, product owner and developers in a cross-functional team and participated in scrum events such as Daily *Standups*, Sprint *Retrospective*, Sprint *Planning*

Lamar University   **Beaumont, TX**
Graduate Student Assistant   *May 2021 - May 2022*

- Assisted Pearson Vue with CLEP administration as needed with checking examinees, maintaining, and upholding all test security and standards in addition aided a diverse population in accommodating their need
- Facilitated a diverse population and accommodating their needs, scheduling examinations for candidates, provide fingerprinting appointments for specific candidates

Cloud Factory   **Kathmandu, NP**
Data Analyst   *Jan - Dec 2019*

- Accelerated the company's accuracy rate by *15%* and reduced data processing times by almost *50%* in an *agile* environment with the production team through *automation* in collaboration with a team
- Acted as a part of virtual team to improve the performance of AI-powered checkout products in tracking individuals through a store and predicting which items they would pick

MicroBanker Nepal Pvt. Ltd.   **Kathmandu, NP**
Web Developer   *Mar - Oct 2018*

- Redesigned and maintained the Microbanker's website that provided detailed information about the company via, *Bootstrap*, and *WordPress* as well as added security software, plugins, and contents
- Collaborated on web development lifecycle (SDLC), from requirement gathering to production releases to create websites for a satisfying user experience using Laravel with *MVC architecture*

ACADEMIC PROJECTS

Detecting the Pattern of Covid Waves   **URL:** Covid-Pattern

- Determined the factor that had the highest impact on patients with *83%* accuracy through prediction by analyzing first three wave's data with the aid of *python, machine learning algorithm*s and *time-series* model

Simulating a Voting System   **URL:** a-voting-system

- Designed a voting system's functionality through a menu-driven interface with use-case-driven object-oriented approach and multiple databases to improve the experience of voters with the help of *Java*

EDUCATION

Lamar University, Beaumont, Texas   **Aug 2020 - May 2022**
Masters of Science in Computer Science