CHITRANGAD SINGH

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SUMMARY

I'm an ASU graduate student pursuing Masters in Information Technology with specialization in Information System Management. I have internship experience in full-stack web development, data analytics, machine learning, and product management. Currently, seeking internship opportunities for summer 2022.

EDUCATION

Masters, Information Technology   08/2021 - 04/2023
Arizona State University, Tempe, Arizona, US   GPA - 3.67

Bachelor of Technology, Computer Science and Engineering   08/2016 – 07/2020
JSS Academy of Technical Education, Noida, India   GPA - 7.00

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript ES6, HTML, CSS, SQL, NoSQL
Frontend Technologies: ReactJS, NextJS, Redux, Bootstrap, Material UI, Styled Components, Ant Design, Three.js, WordPress
Backend Technologies: NodeJS, MongoDB, ExpressJS, REST APIs, Heroku, Firebase
Services: Google Analytics, CRM, Tableau, Object Role Modelling, Azure, Git, GitHub

PROFESSIONAL EXPERIENCE

Web Development and Data Analytics Intern, Digitviral, Noida, India   08/2020 - 04/2021
- Developed an Online Reputation Management Platform using **ReactJS** and **Firebase**, that monitored and removed any negative impressions of an individual on the Internet, along with providing the users with a reputation score.
- Remodeled a cricket news and stats website, Cricdaddy, by incorporating live scores, match prediction stats, and interactive dashboards focused on squad performances.
- Incorporated User Authentication/Authorization divisions to the websites.
- Automated Lead generation and Content Management using **CRM**.
- Performed data modeling to improve conversion rate optimization on thousands of keywords (search terms) generated via search engine marketing.

Machine Learning Intern, Diginique TechLabs | Cognizance, Greater Noida, India   05/2019 - 08/2019
- Developed an interactive American Sign Language learning tool using **Python**, **mediapipe**, and **Three.js**, where if the user matches the gesture with up to 90% accuracy and spells the word correctly, it gets awarded with bounty points.

PERSONAL PROJECTS

Memos   Spring 2022
- Built a Full-Stack web application using **MERN stack**, that allows users to post interesting life events in form of memories.
- Users can use title and memory tags to search for a specific post and can visit the memory detail pages, integrated with post recommendations from similar tags and posts.
- A **CRUD Application** that permits the user to like, share, and comment on the posts of other users.
- Integrated User Authentication/Registration using **JSON Web Tokens** and **Google OAuth**.

Purple Box   Fall 2021
- Built an instant messaging platform using **ReactJS** and **Chat Engine API**, where users can chat and share media files via text messages in private chats or as part of chat room communities.

AI news   Fall 2021
- Developed an AI powered News Application using **ReactJS**, **Material UI**, and **Alan AI**, that uses conversational voice to read out global news segregated into multiple categories, terms, and sources.

EXTRACURRICULAR EXPERIENCE

Blockchain and Cryptography Club   Fall 2021
- Actively participated in blockchain workshops focused on devising and analyzing blockchain use in practical domains.

Team Leader, Yantrashilpa   Summer 2019

- Participated in Andro Car Competition, led a team of 4 to develop Arduino based automated car using IR and Ultrasonic Sensors.