CHITRANGAD SINGH

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EDUCATION

Masters, Information Technology   08/2021 - 12/2022
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, C++, C#, JavaScript ES6, HTML, CSS, SQL, NoSQL
Frontend: ReactJS, NextJS, Redux, Vue.js, Bootstrap, Material UI, Styled Components, Ant Design, Drupal, WordPress
Backend: NodeJS, MongoDB, ExpressJS, Ruby on Rails, REST APIs, Rapid API, Heroku, Firebase, Redis
Services: SaaS, CRM, Google Analytics, Google Cloud Platform, Solidity, Netlify, SEO, Tableau, Object Role Modelling, Azure, Git

PROFESSIONAL EXPERIENCE

OneCommons: Front end Web Development Intern | San Francisco, California, US   06/2022 - 08/2022
- Built a prototype application using **GitHub Deployment API** for connecting user repositories to a custom cloud platform to configure and deploy applications.
- Developed a real-time comment thread on application blueprint pages using **Vue.js** and **Socket.IO WebSockets** with **Redis** caching, for users to interact and collaborate on deployment and environment setups.
- Implemented a database model using **Ruby on Rails** integrated with **CRUD** functionalities to track GitHub deployments and other details of registered users on a custom cloud platform.

Digitviral: Front end Web Developer and Data Analyst | Noida, India   08/2020 - 06/2021
- Developed a **SaaS** based Online Reputation Management platform using **ReactJS** and **Firebase**, that monitored and removed negative impressions of an individual on the Internet, along with providing a reputation score to the users.
- Remodeled a cricket news and stats website using **JavaScript**, **Python** and **Tableau**, by incorporating live scorecards, 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 **Zoho CRM**.
- Performed data modeling to improve conversion rate on thousands of keywords generated via search engine marketing.

PERSONAL PROJECTS

Smart Fund   12/2022
- A **Web 3.0** Blockchain Crowdfunding Platform built using **ReactJS**, **Solidity**, **Tailwind CSS**, and **Netlify**, where people can fund specific campaigns and projects using their cryptocurrency of choice.
- The application operates on **Smart contract** interactivity paired with **Meta mask wallets** and allows users to create, view, and donate to campaigns through blockchain.

Memos   05/2022
- Built a Full-Stack web application using **MERN stack**, that allows users to post life events in form of memories.
- Created title and memory tags for searching specific posts and devised detail pages integrated with recommendations from similar tags and posts.
- Developed **CRUD** functionalities that permits the user to like, share, and comment on posts of other users.
- Integrated User Authentication/Registration using **JSON Web Tokens** and **Google OAuth**.

Purple Box   12/2021
- 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.

OTHER WORK EXPERIENCE

AE Commons, Arizona State University: SEO Specialist | Tempe, Arizona, US   04/2022 – 11/2022
- Retailored the ASU admission websites by adding new content and 400+ long-tail competitive keywords that significantly reduced the bounce rate by 20% and increased the organic traffic by 50%.
- Conducted on-site analysis of SEO competitors and used Google Analytics/Authority labs to compile regular performance reports.

EXTRACURRICULAR EXPERIENCE

Blockchain and Cryptography Club   10/2021
- Actively participated in blockchain workshops focused on devising and analyzing blockchain use in practical domains.