Tarun Rana

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SUMMARY:

Software developer with one year of experience in Web development, I am enthusiastic about using my proven skills to excel as a software engineer. I have a strong ability and willingness to learn new technologies and am always looking for opportunities to expand my knowledge and skill set. I am confident that my experience and passion for software development make me a strong candidate for any software engineering role.

EDUCATION:

Master of Science in Computer Science   **May 2023 (Expected)**
The University of Texas at Arlington, Texas, US   GPA: 3.75/4.0

Bachelor of Engineering in Computer Engineering   **August 2014 - May 2018**
Pillai College of Engineering, Mumbai University, IN   GPA: 3.5/4.0

EXPERIENCE:

Web Developer – Mindise Pvt Ltd. Mumbai, India   April 2020 – May 2021
   Kings United, Aditi Tracking
- Worked closely with the client to generate a wireframe and initial prototype.
- Designed UI/UX (responsive website) using HTML5, JavaScript and CSS3 Media queries for the front-end site.
- Developed a Web Application utilizing Laravel API (PHP frameworks) to develop backend architecture.
- Designed a Dashboard using Laravel so that admin can easily create, read, remove, or update users from the database.
- Implemented API authentication using the Sanctum Laravel package for providing a safe route for logged-in users.

   (HTML5, CSS3, JavaScript, Laravel (PHP))

PROJECTS:

Creator – CollegePlace. Team Project, UTA   September 2022 – December 2022

- Lead team 5 through weekly meetings and presentations to structure the website and figure out the project's next steps.
- Learned React in 2 months and developed CollegePlace Website with React as front-end.
- Developed REST API using Laravel and stored data in PhpMyAdmin
- Website focused on adding students who can create their clubs, and blogs, and do real-time chat.
- Blog was developed using WordPress.

   (React.js, Laravel, MySQL, WordPress, RESTful API)

Creator – Full Stack Web App on Cloud with Caching. Independent, UTA   June 2022 – August 2022
- Developed and deployed a Full Stack Web app with Flask as the back-end technology and HTML, CSS, and JavaScript as front-end technologies, deployed on Microsoft Azure unified with Azure SQL database services.
- The web app coped with collaborating diverse datasets and loading them into cloud database services for fetching miscellaneous queries specified by users.
- The queries were optimized with the Redis caching with a 68% hit ratio.

   (Microsoft Azure Cloud services, SQL, Database, Caching, full-stack application, visualization)

Creator – Transfer 2021. Independent, UTA   January 2022 – May 2022
- Developed a web application using Twitter API. Where you can see the latest tweets of famous football (soccer) journalists.
- Taught me Python and implemented a framework Flask for developing the website. Used tweepy to collect the data from Twitter.
- Compared the transfer news with the other top 10 journalists and rated how likely the transfer will happen using Natural language processing.

   (Tweepy, Twitter API, NLP)

ACTIVITY AND CERTIFICATION:
- Node.js, Express, MongoDB: The Complete Bootcamp 2021 – Certification.
- React – The complete guide (incl. Hooks, React-Router, Redux) – Certification.
- Advanced CSS and SASS – Certification.
- Published a blog in which react hooks implementation was explained.
- Member of CSI (Computer Society of India) for Pillai Engineering College.