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| **Arjun Singh**  **MERN Stack Developer**  Targeting **MERN-Stack Developer** roles with an organization of high repute with a scope of improving knowledge and further career growth. | |
| Contact   |  |  | | --- | --- | |  | Arjunsingh32085@mail.com | |  | +91 7354436777 | |  | https://www.linkedin.com/xyz |   Academic Details   * **Bachelor of Technology (B.E.) Computer Science and Engineering**   SCHOOL EXCELLENCE NO.1, Morar ,Gwalior;  CGPA: 9.15  (PASSOUT-YEAR)  Soft Skills  Analytical | Collaborator | Leader | Adaptable  Technical Skills   * **Programming Languages:**   JavaScript, Python, Go   * **Frameworks:**   React, Express, Django  Core Competencies     |  | | --- | | Agile Methodologies | |  | | Software Development Life Cycle | |  | | Restful API | |  | | Debugging | |  | | Containerization | |  | | Web Services | |  | | Microservice Design | |  | | Performance Optimization | |  | | System Scalability | |  |     Personal Details  **Date of Birth**: 9th May 2000  **Languages Known:** English, Hindi and Marathi  **Address:** Mumbai, Maharashtra | Profile Summary |
| * A detail-oriented professional with **experience of nearly 6 month** in MERN-Stack Software Development in the Entertainment industry. * Experienced as a Software Developer Engineer at TechiesShubhdeep it soluction pvt ltd, showcasing proficiency in **Backend devlopment** fundamentals, leading to successful project outcomes. * **Achieved a reduction in system downtime** by enhancing edge server monitoring efficiency, showcasing a strong commitment to improving system performance and uptime metrics. * Developed a Reverse proxy server in Go to route requests to origin server and also **handled Thundering Herd problems using Thread Scheduling**. * Identified the bottlenecks in the existing DNS and implemented scalability to **reduce DNS resolution latency from 28ms to 7ms**. * Possesses **in-depth knowledge of multiple technology stacks** which in turn contributes to an efficient development stage of products.   Work Experience  **Software Developer Engineer - 1**  **COMPANY NAME., CITY June 2022 – March 2024**  **Responsibilities:**   * Designed and implemented a Monitoring System in Django to enhance edge server health monitoring and alerting capabilities. * Led the development of API's for Configuration job orchestrator in Express to communicate latest configurations to edge servers over Web socket and Python to apply the configurations on edges. * Collaborated with cross-functional teams to ensure seamless integration of new technologies and solutions. * Provided technical guidance and mentorship to junior team members, fostering a culture of continuous learning and growth. * Undertook the development of a DNS pipeline to optimize edge server selection based on client geo-location and ISP's BGP routing table.   **Achievements:**   * Streamlined edge server monitoring processes, resulting in an improvement in system uptime and performance. * Recognized as the best performer in the team for 2023Q4, showcasing dedication and excellence in software development. * Identified and resolved Thundering Herd problem by implementing Thread Scheduling in Reverse proxy server.   Academic Projects  **PROJECT NAME**  **Tools:** React, Django, Docker, Arduino Programming  **Roles:** Hardware Program, Full-Stack web application, Deployment  PROJECT-DESCRIPTION  **PROJECT NAME**  **Tools:** React, Node, Docker, Arduino Programming  **Roles:** Hardware Program, Full-Stack web application, Deployment  PROJECT-DESCRIPTION |