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Full stack Developer

Whitecrow Research

October 2023 - Current

- Significantly enhanced application performance, achieving a remarkable 47% improvement through meticulous optimization of state management and strategic component segmentation within the Angular application.
- Orchestrated tailored Elasticsearch queries, fine-tuning candidate prioritization based on user-defined preferences, resulting in enhanced matching accuracy and streamlined recruitment processes.
- Orchestrated the decomposition of substantial Angular components into modular and reusable units, fostering seamless collaboration through shared state management utilizing Observables and dedicated services.
- Improved system security by using parameterized queries, implementing rate-limiting using redis, and input values validation & sanitization.
- Implemented a robust job description parsing feature leveraging OpenAI APIs, allowing for seamless extraction of key parameters such as expected job titles and skills, optimizing candidate search efficiency.

Software Engineer

NeoSoft Technologies

June 2021 - September 2023

- Transformed a previously underperforming Node script into an efficient MongoDB shell script, resulting in a remarkable 90-95% reduction in execution time.
- Developed a comprehensive Java Spring Boot module, incorporating features such as Elasticsearch for efficient search, MongoDB for streamlined data storage and retrieval, and seamless pagination. Additionally, I implemented a data export function to Excel sheets and integrated SMTP for hassle-free file sharing with the user's email address
- Integrated complex external APIs of different insurers to enhance functionality and expand system capabilities using multiple microservices in the process.

Additional Experience

- Solving coding problems on leetcode ([Link to profile](#))
- Authoring technical articles on HashNode. ([Link to blog](#))
- YouTube channel with content related to DSA and web development. ([YouTube channel link](#))

Languages and Technologies

- Java, JavaScript, TypeScript (familiar) and Kotlin (familiar).
- Angular, AngularJS, Spring Boot and NodeJS.
- MongoDB, SQL (MySQL, PostgreSQL), Elasticsearch, Redis.
- Microservices, Docker, Kubernetes(familiar), messaging queue like RabbitMQ, Kafka (familiar).

Education

- Masters in Computer Application (MCA), Chandigarh University. Sept 2021 – Sept 2023. CGPA: 8.04
- Bachelors in Science - Computer Science, Mithibai College, August 2018 to May 2021. CGPA: 9.1