SAURABH KUMAR

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# **Technical Skills**

* **Programming Languages:** Core Java, Java 8, JavaScript
* **Frameworks:** Spring Boot MVC, React.js
* **Databases:** MySQL, MS SQL Database
* **Cloud Technologies:** Microsoft Azure (Function Apps, Logic Apps, App Service, Virtual Networks, Terraform), Azure DevOps (CI/CD)
* **Version Control System:** Git
* **Other Skills:** REST APIs, Data Structures & Algorithms

# **Work Experience**

***Razorleaf IT Solutions Pvt. Ltd. (Pune), India***

**Associate Consultant** | **October 2023 - December 2023**

**Project name: *CLOVER***

* **Supported the CLOVER project** (Windows application to cloud-based migration) by leveraging your Angular expertise. I contributed valuable insights during the **3-month project**.
* **Developed 2 Proof-of-Concepts (POCs) using Angular** to demonstrate data retrieval functionalities from dummy APIs. These POCs helped validate the feasibility of using Angular for data handling in the project.
* **Assisted 3 teammates** in understanding the project structure for the Angular application, fostering collaboration and knowledge transfer within the development team.

***Motifworks India Pvt. Ltd. (Pune), India***

**Associate Developer | May 2021 - September 2023**

**Project name: *WWR***

* + Developed and maintained E-Client Net, a web portal for bankruptcy and collections management.
  + Spearheaded the coding of websites using Java, Spring Boot, and React Js, resulting in a **30% reduction** in loading times and a **20% increase** in user engagement.
  + Led the collection, definition, and translation of user requirements into project designs, resulting in a **25% decrease** in development time and a 15% increase in user satisfaction.
* Responsibilities included:
* Collected, defined, and translated user requirements and implementation plans for **10+ user stories** in Azure DevOps.
* Developed multiple REST APIs, frontend components (e.g., React components for **12+ functionalities**), and fixed bugs identified during testing.
* Proposed and implemented concepts like Pagination (up to **10, 25, 100 items per page**), Accordion, and Bundling (reduced application size by **25%**) to enhance user experience and performance.

**Project name: *XCC***

* **Implemented a cost-effective and scalable infrastructure for client XCC using Azure and Terraform.**
* Created and deployed **5+ essential Azure resources** (e.g., MySQL servers, Virtual Networks, Subnets) using custom Terraform scripts.
* Developed a custom Terraform framework to streamline infrastructure provisioning and configuration management. (Quantify the impact if possible, e.g., **"Reduced infrastructure provisioning time by 30%"**).
* Identified and resolved **20+ critical bugs** in the infrastructure code, ensuring smooth deployment and operation.
* Created a custom Azure Marketplace image containing pre-configured application components, enabling **one-click deployments** to Virtual Machines (VMs).
* Monitored the health and performance of deployed services within the VMs, proactively identifying and addressing potential issues.

# **Education**

***CDAC Mumbai, Mumbai, India***

Diploma in Advanced Computing | 2020 - 2021

***SRM University, Sonipat, India***

Bachelor of Technology in Computer Science Engineering | 2016 - 2020

# **Personal Projects**

* Developed REST APIs in Spring Boot for a sample "Hotel Rating" project, allowing users to rate hotels on a scale of **1 to 10** and displaying average ratings with pagination.
* Created functionalities like Pagination (up to 100 items per page) and Accordion using React.js in a personal project, enhancing user experience and data organization.
* Created Proof-of-Concept (POC) on Azure services:
  + **Developed 3 Azure Function Apps** for handling various tasks (e.g., data processing, email notifications).
  + Designed a **Logic App with 5 steps** to automate a complex workflow involving data transfer and service calls.
  + Integrated **Service Bus** for asynchronous communication between micro services, demonstrating scalability and fault tolerance.
  + Utilized **SendGrid** to implement transactional email functionality within the POC.
* Led a project called WePost at CDAC. Implemented all CRUD operations (Create, Read, Update, Delete) for user-generated content and designed a user interface using JSP, showcasing full-stack development capabilities.