RAJVEER

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Education

Indian Institute of Technology, Delhi

Bachelor of Technology, Engineering Physics   *2018 - 2022*

Skills

Programming Skills:	Java, JavaScript, Python,SpringBoot, NodeJS, NestJS, C++ , PostgreSQL, MySQL, Redis, MongoDB
Cloud:	AW, ECR, ECS, EC2, RDS, EFS, security Groups, Cognito, VPC, S3, IAM, CloudFront, ACM, SSL, Linux
Miscellaneous:	Docker, Git, GitHub, Terraform, GPT-4 APIs, Scripting, CI/CD, Microservices Architecture,kubernetes

Work Experience

BluSmart   *Gurgaon, India*

   Senior Backend Developer (SDE II)   *Sept 2024 - Present*

- Developed **Intercity Cab Booking** and **Suggested Places** features, leveraging **geohash** and ride history, resulting in a **20% increase in user engagement** for **5M+ active users** across India and UAE.
- Engineered scalable database solutions with **MySQL** and **MongoDB**, supporting **millions of transactions daily**, ensuring **99.9% uptime** and fault tolerance in high-traffic, distributed systems.
- **Optimized backend microservices architecture** using **Spring Boot** and **Redis**, reducing API response times to 30% and improving real-time processing for high-demand features like ride-booking and insurance.
- **Designed and implemented cross-country infrastructure** to support multi-region deployment, ensuring seamless synchronization and data consistency across **India and UAE**, with robust failover strategies and **high availability**

Panscience AI Healthcare Pvt. Ltd.   *Delhi, India*

   Founding Engineer   *Feb 2023 - May 2024*

- Architected and executed a **microservices** infrastructure for diverse healthcare modules, enhancing scalability and maintainability.
- Led the creation of dedicated **authentication** and **authorization servers** and established a robust **API gateway**.
- Transitioning from **monolithic to 10+ microservices** architecture for enhanced load management and reduced downtime.
- Oversaw **FHIR server integration**, navigating intricate healthcare data challenges to achieve **compliance with industry** standards. Emphasized secure data exchange and interoperability, amplifying system compliance and scalability of healthcare data.
- Integrated 100+ API's of Ayushman Bharat Digital Mission (**ABDM**) in the Application in **nestJS** along with security Compliance.
- Implemented advanced database solutions utilizing **PostgreSQL**, **MongoDB**, augmented **Redis** for optimized data querying and **caching**, elevating processing efficiency and retrieval speed along with secure File upload.
- Drove **CI/CD** endeavors with **GitHub Actions** and GitLab, refining deployment processes and fortifying system reliability.
- Spearheaded the development of the Parchaa PHR application, orchestrating the **system design** and frontend development using **no-code platform Bubble.io**, while balancing system design considerations with pragmatic limitations and advantages.
- Designed and rolled out comprehensive **cloud architecture from inception to deployment**, prioritizing robust **security practices**, including advanced configurations of security groups, load balancers, IAM roles, and other security measures to ensure the highest level of data protection and system integrity. Also reduced the cost of AWS monthly bills by 40%.
- **Integrated GPT-4 APIs**,designing innovative AI applications in backend systems to augment functionality and user engagement.

FarEye Technologies Pvt. Ltd.   *Noida, India*

   Backend Developer (SDE I)   *Sept 2022 - Jan 2023*

- Integrated multiple carrier/client systems with FarEye platform, utilizing **Spring Boot, REST/SOAP, JavaScript**, and more.
- Demonstrated proficiency in handling **SFTP** servers, **AWS S3,** and **databases** (JSON/XML) for efficient **integration**..
- Led a team to victory in a rigorous three-day internal development competition. Replicated BookMyShow from scratch using **Java Spring Boot, PostgreSQL, ReactJS/React Native**. Developed a comprehensive platform enabling end-users to book tickets and administrators to manage movies, theaters, and shows.

Internship & Academic Projects

Nexmatics Pvt. Ltd.   *Delhi, India*

   Software Development Engineer, INTERN   *June 2021 - Aug 2021*

- Designed **backend** system for logging data coming from 50+ sensors over 4 regions, **800 data points every 5 seconds**
- Analyzed real time data using **plotly** and **dash libraries** to alarm and rectify out of range data from a specified region
- Implemented **Regression and Decision-making models** in ML to predict the value coming from dependent servers.
- Conducted **exploratory data analysis & utilized data visualization** techniques, achieving a model accuracy of 87%.