RAKESH KUMAR

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- https://github.com/rakeshbroy

Education

MCA – **Pondicherry University, Pondicherry**

BCA – **IGNOU, Patna**

Career Objective

Motivated and detail-oriented **Full Stack Developer** with over 5 years of experience in building scalable web applications using technologies such as **Angular, React, Next, Node.js, MySQL, Laravel, PHP**, and modern frontend tools. Proficient in **DevOps practices**, including **Docker** containerization and **Kubernetes orchestration**, with a strong command of **advanced MySQL optimization techniques**. Seeking a challenging role in a forward-thinking organization where I can contribute to the development of **cloud-native applications** and **DevOps-driven solutions**, while continuing to grow professionally.

Skills

- Docker, Kubernetes, Microservices, RabbitMQ, AWS Services (EC2, AWS Amplify, Lambda functions, DynamoDB, API Gateway), Circle CICD, DevOps
- Generative AI, Prompt Engineering
- Node, Angular, React, Next, MongoDB, MySQL, Oracle, Laravel, PHP, Java, Python
- **Advanced MySQL, optimizing database performance**
- HTML, CSS, JavaScript, jQuery
- Git, GitHub, Bitbucket, Figma, JIRA

Projects

- **ServInsur:** (Insurance claim processing platform for Amazon ACKO, Apple, TATA AIZ), a product by Assurant Company
- **Biometric:** (disability and aging care insurance processing platform), a product by Biometric Asia
- **IntelliBooks:** Inventory and Accounting solution
- **RMPA:** Remote Patient Monitoring Application
- **Lok Poll:** Social activity management platform
- **Folio:** A law CRM platform to manage clients efficiently

Certifications

- Advanced MySQL Topics - **Meta (Coursera)**
- SQL Advanced - **Hacker Rank (0320CE40E52C)**
- SQL Intermediate - **Hacker Rank (2EA705D2151C)**
- The Joy of Computing using Python – **NPTEL (Marks: 84%)**
- LinkedIn Learning Certification - **https://www.linkedin.com/in/rakeshbroy133/**

Professional Experience

SENIOR SOFTWARE ENGINEER (SDE-II)
TechFour Engineering Solutions Pvt Ltd.

Jul '22 – Present
New Delhi, DL

- Responsible for integrating the system with third-party vendors, including **Salesforce (SFDC),** ensuring seamless data exchange and interoperability between platforms.
- Developed and integrated new features to improve application functionality and user experience.
- Maintained and enhanced the existing codebase to ensure stability and performance.
- Troubleshot production issues by identifying root causes and implementing effective solutions.
- Analyzed application logs regularly to monitor system behavior and address potential issues proactively.
- Worked extensively with **Node.js, MySQL, PHP**, and utilized **Sequelize (ORM)** and **Knex (SQL Query Builder)** for database operations. Followed version control best practices using **Git** and **GitHub**, and managed tasks and issue tracking through **JIRA**
- Automated manual workflows by designing and developing a custom application, resulting in significant reduction of manual effort and improved operational efficiency and time savings.

SOFTWARE ENGINEER (SDE-I)
Jai Infoway Pvt. Ltd.

Dec '21– Jun '22
Ranchi, JH

- Maintained and enhanced the existing codebase to ensure stability, scalability, and optimal performance of the application.
- Designed and developed reusable UI components using **Angular.js**, **Angular Material**, **HTML**, and **CSS**, ensuring a consistent and responsive user experience.
- Collaborated closely with frontend and backend teams to integrate new features seamlessly into the application workflow.
- Crafted robust and efficient APIs to support component-level data transactions with the database, enabling smooth interaction between the user interface and backend systems.
- Gained hands-on experience working with the **Google Fit API** and the **Google Cloud Developer Platform**, integrating health data services and utilizing cloud-based tools for scalable application development and deployment.
- Built scalable and maintainable **APIs in Node.js**, utilizing the core concepts of **Express.js** such as middleware, routing, and service layers to structure the backend efficiently.

JUNIOR SOFTWARE ENGINEER
Aeon Logiciel IT Consultancy Pvt. Ltd.

Jan '21 –Dec '21
Pune, MH

- Maintained and enhanced the existing codebase by implementing new features and ensuring stability, performance, and code quality across the application.
- Designed and developed a dynamic **form builder component** using **Angular**, **Angular Material**, **HTML**, and **Bootstrap**, allowing users to generate forms from predefined templates with a user-friendly interface.
- Collaborated with the design team and translated high-fidelity mockups from **Figma** into responsive and interactive UI components.
- Designed the database schema in **MySQL** to efficiently manage and store form templates and corresponding field data.
- Developed and integrated RESTful APIs to connect the frontend form builder with the backend system, enabling real-time data synchronization.
- Additionally, implemented **Razorpay payment gateway integration** to securely process transactions within the application, enhancing the product's overall functionality and user experience.
- Integrated static **HTML** pages into a dynamic and responsive user interface using **Angular**, **CSS**, and the **Ng-Bootstrap** module, ensuring consistency in design and functionality across different components.