SANKET KUDAPANE

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Experience

Spring Computing Technologies, Pvt. Ltd.   **July 2022 – Present**
Software Engineer   *Pune, India*

- Developed and presently maintain backend Windows services in .NET framework utilizing C#, operating within a **Message-Oriented Middleware (MOM)** architecture. Directed various application modules through analysis, design, coding, and deployment phases, contributing to the entire development lifecycle.
- Designed, created, and tested **RESTful APIs** for various project modules using **.NET Core Web API**, while collaborating with clients to actively resolve production issues. Executed SQL queries on production machines and ensured effective communication for issue resolution.
- Improved system efficiency through **optimization of SQL queries and stored procedures** within the SQL Server database, resulting in a notable average improvement of 30% to 40% in query performance, leading to enhanced response times and overall application responsiveness.
- Worked on flow diagrams and contributed to the documentation of newly created backend windows services, ensuring clarity and comprehensiveness in project documentation.
- Skills: **.NET Core Web API, C#, Entity Framework, WCF, SQL Server, RabbitMQ, LINQ**

Spring Computing Technologies, Pvt. Ltd.   **Feb 2022 – June 2022**
Software Engineer Intern   *Pune, India*

- Collaborated with a team of .NET developers to contribute to the development and maintenance of 3+ projects in ASP.NET, gaining valuable experience in enterprise-level application development.
- Utilized ASP.NET validation controls alongside JavaScript for robust user input validation, seamlessly integrating WCF (Windows Communication Foundation) Services into ASP.NET applications.
- Engaged in code review sessions and collaborative problem-solving, fostering a culture of knowledge exchange and ongoing improvement within the development team.
- Skills: **ASP.NET, C#, Javascript, SQL.**

Technical Skills

Languages: C#, Java, SQL
Web Technologies: HTML5, Javascript, React.js, Node.js, REST API
Database: MySQL Workbench, MS SQL Server Management Studio
Fundamentals: Data Structures & Algorithms, Object-Oriented Programming
Tools: Git, Postman, Bitbucket, Zoho Sprints, Redmine, SVN, RabbitMQ, Redis, Visual Studio IDE 2022

Education

Interdisciplinary School of Scientific Computing, Pune University   **Nov 2020 - July 2022**
*Master of Science in Scientific Computing - **CGPA: 9.6***   *Pune, Maharashtra*

MES Aabasaheb Garware College, Pune   **June 2017 – Oct 2020**
*Bachelor of Science in Computer Science - **Percentage: 85.33%***   *Pune, Maharashtra*

Projects

Blogging Application - Backend | *Git Repo*
- Developed a backend application using Spring Boot, implementing RESTful APIs with Spring Security JWT authentication and Swagger for API documentation. Implemented Global and Custom Exception handling.
- Technologies: **SpringBoot, SpringData JPA, Spring Security, Hibernate, MySQL**

Blockchain-based E-Voting System | *Git Repo*
- Architected and engineered a secure and transparent E-voting system leveraging blockchain technology. Formulated smart contracts for elections in Solidity, verified through Remix IDE, and integrated blockchain visualization with Ganache for heightened transparency.
- Technologies: **ReactJS, TailwindCSS, Node.js, Express.js, MongoDB, Solidity.js**

Achievements and Responsibilities

- **'Placement Coordinator'** at ISSC, Pune University (2020 - 2022)
- Secured **'First Position'** at ISSC, Pune University in M.Sc (Scientific Computing) course. (2020 - 2022)
- Attained **'First position'**, serving as **'General Secretary'** at Abasaheb Garware College during B.Sc. (2017 - 2020)