

# SUNNY SHAH

## SOFTWARE ENGINEER

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### SUMMARY

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- **Software Engineer** with **3+ years** of hands-on experience in **designing, developing, and deploying web applications**.
- Proficient in **Java, Python, SQL, Spring Framework (Spring Boot, Spring MVC)**, and various front-end technologies like **React.js** and **AngularJS**.
- **Skilled in database management** with a proven track record of working with **relational databases (MySQL, PostgreSQL)** and **NoSQL databases (MongoDB)**.
- Expertise in **building microservices architecture and RESTful APIs**, ensuring scalability and robustness of applications.
- Proficient in **Agile and Waterfall methodologies**, ensuring efficient project management and delivery.
- Experienced in a wide range of development tools, including **IDEs like IntelliJ IDEA and NetBeans**, **version control with Git/GitHub**, and **CI/CD pipelines with Jenkins**.
- Skilled in creating responsive and user-friendly user interfaces **using HTML, CSS, JavaScript, Bootstrap, jQuery, and AJAX**.
- Familiarity with cloud **computing platforms (AWS Cloud)**, **containerization with Docker**, and **orchestration with Kubernetes**.
- **Strong problem-solving skills, adaptability, & collaborative mindset**, having worked closely with cross-functional teams.
- Proficient in **creating technical documentation** and effective **verbal and written communication** skills.

### SKILLS

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<b>Methodologies:</b>	SDLC, Agile, Waterfall
<b>Programming Language:</b>	Java, Python, SQL, C++, C
<b>Frameworks:</b>	Spring MVC, Spring Boot, Microservices, Hibernate, JPA, React.js, Node.js
<b>IDEs:</b>	NetBeans, IntelliJ IDEA, Visual Studio
<b>J2EE Technologies:</b>	Servlets, JSP, JSTL, JavaBeans, JDBC, Multithreading
<b>Web Technologies:</b>	HTML5, CSS3, JavaScript, Bootstrap, jQuery, Ajax, JSON, XML
<b>Application Server:</b>	Apache Tomcat
<b>Databases:</b>	MySQL, MongoDB, PostgreSQL, Oracle, SQLite
<b>Build /Other tools:</b>	UML, MS Visio, Maven, Gradle, Jenkins, Junit, Jira, CI/CD, API Design
<b>Cloud Technologies:</b>	Amazon Web Services (AWS)
<b>Version Control Tools:</b>	Git, GitHub
<b>Operating Systems:</b>	Windows, MacOS, Linux
<b>Soft Skills:</b>	Time Management, Leadership Management, Problem-solving, Negotiation, Decision-Making, Documentation, Presentation, Verbal Communication, Project Management, Teamwork, Adaptability, Creativity & Self-Motivation

### EDUCATION

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**Master of Science in Computer Science**- University of New Haven, Connecticut  
**Bachelor of Engineering in Computer Engineering**- University of Mumbai, India

## EXPERIENCE

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### UnitedHealthcare, Connecticut

Jul'2023- Present

#### Software Engineer

- Enhanced front-end performance and user experience through optimization techniques such as lazy loading, caching strategies, and responsive design, achieving a 20% improvement in page load times.
- Applied RESTful APIs to facilitate seamless integration between front-end functionalities and back-end services, ensuring adherence to industry best practices and standards such as OAuth 2.0 for secure authentication.
- Spearheaded the migration of legacy systems to modern tech stacks like React.js and Node.js, leveraging microservices architecture to improve scalability and maintainability.
- Drove continuous integration and delivery (CI/CD) pipelines using tools like Jenkins and Docker, resulting in a 30% reduction in deployment time across development, staging, and production environments.
- Led cross-functional collaboration with UX/UI designers and product managers to deliver intuitive interfaces and interactive features, aligning with Agile methodologies for iterative development cycles.
- Conducted thorough code reviews and executed automated testing suites (e.g., Jest, Enzyme) to achieve a code coverage of 85%, ensuring robustness and reliability of applications.
- Optimized database performance by fine-tuning queries, indexing strategies, and data caching mechanisms, achieving a 25% improvement in overall database response times.
- Improved the scalable and secure microservices while working on technologies such as Kubernetes for orchestration and Istio for service mesh, ensuring high availability and fault tolerance.
- Streamlined AWS infrastructure management, reducing operational costs by 30% while ensuring high availability and scalability for deployments.
- Fostered a culture of innovation and knowledge sharing by organizing tech talks, workshops, and hackathons.

### Deloitte, India

Aug'2019- Jul'2021

#### Software Engineer

- Collaborated with cross-functional teams to deliver on-time, on-budget software projects, ensuring alignment through clear communication of timelines and progress while contributing innovative ideas & updates in meetings.
- Designed responsive UIs applying HTML, CSS3, and JavaScript, utilizing frameworks like React and Angular.
- Developed backend solutions employing Node.js, Java and integrated MongoDB for efficient data handling.
- Improved web application efficiency by 60% through the development of complex SQL queries.
- Implemented RESTful APIs in Java to facilitate seamless communication between front-end and backend systems.
- Utilized web technologies such as React.js to enhance front-end applications, reduced page load speeds by 20%.
- Launched an e-commerce website using React, and Bootstrap, resulting in a 50% increase in sales and a 75% decrease in bounce rates.
- Employed SpringBoot to accelerate microservices development, enhancing application performance and modular design for efficient project deliveries.

## PROJECT

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### Project: Patient Management System

**Description:** The Patient Data Management System (PDMS) is a web application designed to help healthcare providers plan, organize, and manage patient data efficiently. The system will allow users to create patient records, invite medical personnel, manage appointments, and track patient details. It will also provide features for appointment reminders, notifications, and reporting.

**Technologies Used:** JWT, OAuth, Node.js, Express.js, MongoDB, React.js, Redux, SendGrid, Firebase Cloud Messaging, React.js, Node.js, MongoDB queries.