

Rushika K

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PROFESSIONAL SUMMARY

Detail-oriented A software engineer with over 3+ of experience in full-stack, front-end, and web development. adept at using Java, JavaScript, HTML, CSS, and contemporary frontend frameworks to design and construct scalable, responsive, and user-friendly web applications. strong suitability for improving the usability and performance of applications through object-oriented design, software architecture, and API integration. adept at version control (Git), CI/CD pipelines, and Agile approaches, guaranteeing effective development and deployment procedures. knowledgeable about database administration, server-side technologies, and RESTful APIs to establish smooth front-end-backend communication. capable of resolving issues, debugging, and testing software, guaranteeing top-notch code and the best possible user experience.

TECHNICAL SKILLS:

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| Languages | Java 17/11/8/7, JavaScript, Typescript, C/C++, C#, Python |
| J2EE Technologies | Servlets, JSP, JSTL, JDBC, Strings, Multi-Threading, Arrays, Java Networking |
| Frameworks | Spring Boot, Spring Security, Spring Cloud, Spring Data, Hibernate, Struts, JSF |
| Web Technologies | HTML5, CSS3, ReactJS, React Native, AngularJS, NodeJS, JavaScript, jQuery, AJAX |
| Amazon Web Services (AWS) | EC2, S3, Lambda, RDS, Elastic Load Balancing, SQS, SNS, AWS IAM, AWS CloudWatch, Elastic Beanstalk and Cloud Front, Redshift |
| Application/Web Servers | Apache Tomcat, Apache HTTP Server |
| Web Services | Restful, SOAP |
| Messaging Queues | ActiveMQ, Apache Kafka, JMS |
| Build Tools/CI-CD Tools | Jenkins, Devops |
| Version Control | GIT, GitHub |
| Containerization Tools | Docker, Kubernetes |
| IDE Tools | Spring Tool Suite (STS), Eclipse, NetBeans and IntelliJ |
| Databases | MySQL, T-SQL, Oracle, SQL Server, MongoDB |
| Operating Systems | Windows, Linux, Unix |
| Methodologies | Agile, SDLC |

EXPERIENCE

Software Engineer | Caltech Solutions LLC, San Jose, California | Aug 2024 – Current

- Develop and maintain **responsive web applications** using **HTML, CSS, JavaScript, and front-end frameworks** like **React, Angular, and Vue.js**. Ensure **cross-browser compatibility** and **responsive design** to provide a seamless user experience across different devices and screen sizes.
- Utilize **Bootstrap** and other styling libraries to create visually appealing and user-friendly interfaces.
- Integrate and consume **RESTful APIs** using **AJAX and Fetch API** for dynamic data interactions.
- Optimize **web performance** by implementing **lazy loading, caching strategies, and code splitting**.
- Debug and troubleshoot **front-end issues** using **testing/debugging tools** like **Chrome DevTools, Jest, and Cypress**.
- Research and implement **innovative front-end solutions**, staying updated with the latest web development trends.
- Adapt to evolving project requirements with **flexibility and strategic thinking**, ensuring timely delivery of quality solutions.
- Utilize **critical thinking and problem-solving skills** to analyze and resolve complex technical challenges.
- Make effective use of version control systems (Git, GitHub, GitLab) to monitor and manage code changes. Engaged in daily stand-ups, sprint planning, and code reviews while working with Agile/Scrum approaches.
- Investigate new front-end frameworks and technologies on a regular basis to improve development procedures.
- Make use of J2EE technologies (JSP, JSTL, JDBC, and Servlets) to create and manage reliable online applications.
- Build, test, and deployment procedures can be automated by implementing CI/CD pipelines with Jenkins. Utilized Git and GitHub to manage version control, guaranteeing appropriate cooperation and code integrity.

Software Engineer | Pataak Pvt Ltd, India | July 2021 – December 2022

- Developed and maintained Java 11+ code for complex software solutions, adhering to best practices and performance requirements.
- Participate in sprint planning, daily stand-ups, and retrospectives while working with cross-functional teams in an Agile (Scrum) setting. To guarantee high-quality and error-free programs, conduct software testing, debugging, and troubleshooting.
- For production use, install and administer web apps using Apache Tomcat and Apache HTTP Server. To aid in development and upkeep, document software designs, technical procedures, and API requirements.
- Use AWS IAM policies for authentication and permission along with Spring Security to ensure secure application development. Implemented microservices architecture for scalable, high-performance applications in a cloud environment (AWS).
- Migrated applications to AWS cloud platform, utilizing AWS services such as Lambda to enhance scalability and reduce operational costs.
- Ensured compliance with privacy and security requirements, safeguarding sensitive data while meeting regulatory standards.
- Monitored and tuned application performance, proactively identifying and resolving bottlenecks to improve efficiency and user experience.
- Contributed to Agile-driven development cycles, delivering new features and improvements with a focus on continuous integration and delivery (CI/CD).

Intern as Solution Engineer | Jaitra Technologies, India | Jan 2021 – June 2021

- My primary role is to bridge the gap between a company's technical offerings and the customer's needs in bringing “BIPOlar ION DISINFECTING TECHNOLOGY”. I was Assisting with Project management tasks such as sprint planning and task prioritization. helping with product demo design, build, and delivery. Analyzing the requirements and pitching solutions.

CERTIFICATIONS

- Certified in Mobile making and IOT, ITC-IIT, Mumbai
- Designed Ornithopter, AMZ, India.
- Certified in AI For Everyone, deeplearning.AI.
- Certified in Cisco (CCNA)- Routing and Switching, Cisco Network Academy
- Certified in Google Cloud Readiness Program.

EDUCATION

- **Master of Science in Computer Science** | University of Central Missouri, Warrensburg, MO
- **Bachelor of Technology in Electronics and Communication Engineering** | Sphoorthy Engineering College, Telangana, India | August 2022

ACADEMIC PROJECT

- A team of 4 Participated in KPIT SPARKLE and recognized as “Emerging Innovator” for inventing Smart Helmet using IOT. the main aim of this project is to reduce accidents we use Sensors embedded in the helmet track vital signs (e.g., heart rate, smell, temperature, and brain activity).
- **Database Project:** Created a student activity website where students have to login and register for the events happening in the college. Here we used Figma which is a cloud-based design tool that is widely used for user interface (UI) and user experience (UX) design, as well as prototyping and collaboration.
- Project on Creating a Smart Irrigation System using Java involves developing an application that allows farmers and clients (or stakeholders) to monitor, control, and optimize irrigation processes while tracking various stages of crop cultivation, investment, and transportation.