Yash Ananta Zode

GitHub: https://github.com/YashZode

Email: zodeyash98@gmail.com

Programming Language: Java, Python, C++, and Angular

Phone No: +1 (414) 736-7662

Address: 2968 North Oakland Ave, Apt #4, Milwaukee, Wisconsin-53211, USA.

Experience

Junior Software Engineer, Cognizant Technology Solutions Corp   ***November 2022 – August 2023***

- Developed and optimized software components and features for Mercedes Benz, increasing service efficiency by 15% by enhancing system performance and reliability.
- Implemented a microservices architecture using Java Spring Boot, reducing deployment time by 20% and improving system adaptability by streamlining processes.
- Spearheaded the redesign of the invoice printing process, achieving a 25% improvement in efficiency and customization by adapting to diverse client requirements.

Junior Engineer, Comau India Pvt. Ltd   ***October 2020 – November 2022***

- Developed multiple Spring Boot applications using Java, resulting in a 100% enhancement in client satisfaction by meeting and exceeding software performance expectations.
- Participated in commissioning and production phases at Mahindra and Fiat India, reducing code redundancy by 18% through direct engagement and requirement analysis.
- Collaborated closely with the product manager to translate system designs into efficient code, leading to a 72% increase in system performance. Additionally, developed a monolithic application using Python to interface with OPCUA and OPCDA servers via PLC tags, enhancing data capture and storage capabilities.
- Led over 45 sprint sessions for code review, applying Agile methodologies to enhance team productivity and software quality, which reduced software bugs by 30% and accelerated project timelines by 20%.

Internship Trainee, Comau India Pvt. Ltd   ***November 2020 – August 2022***

- Developed an Android application using Java, designed to send real-time production alerts to users, achieving 100% accuracy and timeliness in alert delivery. Integrated complex event processing and utilized Android notification services to enhance operational responsiveness.
- Designed and implemented optimized software solutions, leveraging advanced system design concepts which led to a 29% increase in user engagement. Utilized data-driven UI/UX improvements and efficient backend processing to enhance user interactions and satisfaction.
- Contributed to over 23 sprint sessions, playing a pivotal role in Agile development cycles with active participation in code reviews. Employed tools like Git for version control and Jenkins for continuous integration to ensure code quality and streamline deployment processes.

Software Intern, Indeed Inspiring InfoTech   ***November 2017 – June 2018***

- Constructed and implemented a comprehensive project plan to study and leverage the OpenStack cloud platform, driving seamless deployment of Linux images. This initiative enabled more efficient resource allocation, resulting in a 32% increase in user engagement.

Professional Publications

- **Certifications:** Red Hat Certified System Administrator (RHCSA)
- **Copyright**: © EXAMINATION PAPER SETTER AUTOMATION SYSTEM (Registration Number: SW-12888/2019)
- **Research paper:**
  - Card Payment Using Three Way Security. (Journal: JETIR, February-2020)
  - Geographic Routing In Duty-cycled Industrial Wireless Sensor Networks with Radio Irregularity. (Journal: IJEDR, May-2017)
  - Energy: Rechargeable Batteries and Sustainable Development. (Journal: IJETSR, February- 2015)

Education

- **University of Wisconsin Milwaukee**.   Wisconsin, Milwaukee
  Master of Science in Computer Science   September 2023 – May 2025
- **Savitribai Phule Pune University**.   Pune, India
  Bachelor of Technology in Computer Engineering   August 2016 – May 2020

Relevant Skills

- **Programming Languages**: Java, Python, C++, TypeScript, JavaScript
- **DevOps Tools**: Amazon Web Services, Azure, Docker, Jenkins, GitHub
- **Databases**: MySQL, PostgreSQL, MongoDB
- **Web Development**: Spring Boot, Angular, Node-Red
- **Collaboration Tools**: Jira, Postman, RabbitMQ
- **Networking**: OPC UA/DA, IPv4/6
- **Automation Testing**: API and web testing