Ritesh Sanjay Sandbhor

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PROFESSIONAL SUMMARY

Graduate Computer Science student with expertise in project coordination, software development, and team collaboration. Proficient in Python, Java, and web technologies. Seeking Internship opportunities in software development or program management starting May 2025.

EDUCATION

George Mason University, College of Engineering and Computing, Fairfax, VA   Aug 2024 – May 2026
Master of Science (MS) in Computer Science   GPA: 3.67/4
Coursework: Mathematical Foundations of CS, Computer Systems and Fundamentals of Systems Prog., Database, Analysis of Algorithms.

University of Mumbai, K J Somaiya Institute of Engineering and IT, Mumbai, MH   Aug 2017 – May 2021
Bachelor of Engineering (BE) in Information Technology   CGPA: 8.47/10
Coursework: Data Structures, Java, Python, Software Engineering, Database Management System, Object Oriented Programming,
          Unix, Big Data, DevOps, Artificial Intelligence, Cloud Computing, Networking, Software Testing and Quality Assurance

TECHNICAL SKILLS & CERTIFICATIONS

- Programming Languages: Python, Java, PHP, JavaScript, R, C++, C.
- Tools & Software: Oracle Siebel CRM, GitHub, Docker, Jenkins, JIRA, MS Office, Google Workspace LUMOS, Bitbucket, MS Excel.
- Web Technologies / Markup Languages: HTML5, CSS3, Bootstrap, JavaScript.
- Databases: MySQL, PostgreSQL, MongoDB, Oracle, SQL Server.
- Data Science & Statistical Tools: R, SAS, MATLAB, Excel (Advanced), Python (NumPy, Pandas, Scikit-learn), Tableau
- Core Skills: Data Analysis, Data Visualization, Decision Making, Leadership and Collaboration, Program Coordination.
- Certifications: SQL for Data Science, Data Analysis & Statistics, Advanced Excel, Machine Learning Foundations

PROFESSIONAL WORK EXPERIENCE

System Engineer – Software Developer   Jun 2021 – Jul 2024
Tata Consultancy Services [**TCS**]   Pune, MH, India
Tools/Technology: Oracle Siebel CRM, Oracle SQL, Java, Java Script, HTML, CSS, LUMOS, Git, Jenkins, Jira, and MS Excel.
Awards: Rising Star Award, Best Team Award, Four times On-the-Spot Awards, and AIP Anchor Award.

- Developed 25+ detailed business user stories for British Telecom, improving the experience of over 10M users. This reduced requirement changes by 15% and enhanced project efficiency, leading to faster delivery timelines and better client satisfaction.
- Designed and tested technical solutions, creating unit test cases and documentation to streamline impact assessments. This reduced testing time by 30% and lowered high-risk bugs by 25%, ensuring higher system reliability and smoother project execution.
- Resolved critical production and development issues across multiple environments, including Dev, UAT, and Production. Maintained 99.5% system uptime during key operations, ensuring uninterrupted service for users and seamless deployment processes.
- Collaborated with diverse cross-functional teams to address production challenges and improve system performance by 15%. Actively fostered teamwork, contributing to effective problem-solving and operational success.
- Managed onboarding for over 50+ new team members and organized 25+ local events in the Pune office, boosting team collaboration and improving employee engagement by 20%. Collaborated closely with four contractors from the client side, strong connections and teamwork.

Web Developer Intern   Jun 2019 – Dec 2019
Mindscript Pvt Ltd   Thane, MH, India
Tools/Technology: HTML, CSS, Bootstrap, Java Script.

- Designed and developed the Event Section module for the Mobisportz website, utilizing front-end technologies. The module provided real-time event updates to over 5,000 users, significantly improving platform functionality and increasing user engagement by 25%.
- Collaborated with stakeholders to optimize the module performance, usability, alignment with business goals, and enhanced user experience.

RESEARCH & ACCADEMIC PROJECTS

E-Lifeserve   Jun 2020 – Jun 2021
Tools/Technology: Arduino, Java Script, HTML, CSS, PHP, SQL, Git.
Publication: Published in the International Journal for Research in Engineering Application & Management, Vol-07, Issue-04, July 2021.

- Developed an IoT system to measure ECG, temperature, and oxygen levels for remote diagnosis, benefiting 100+ patients.
- Enabled real-time data collection and transmission via IoT sensors, creating a web portal that delivered accurate patient data to doctors' mobile devices, improving diagnostic efficiency by 30% and reducing data transmission errors by 20%.

SIMS (Student Information Management System)   Jun 2019 – Jun 2021
Tools/Technology: Java Script, HTML, CSS, PHP, Bootstrap, SQL, AJAX, jQuery, PWA, Git.
Appreciation: Received a letter of appreciation from the Department of IT and the Principal of KJSIEIT Qualified for final round of the
Avishkar Research Convention 2020-2021

- Developed and deployed a robust web and mobile platform for students, parents, and faculty to automate student operations, including attendance, grades, events, and course administration, efficiently serving 5,000+ students across all departments at KJSIEIT.
- Designed an Admin Module with import/export tools and a proctor system for performance tracking, boosting administrative efficiency by 75%. The platform has been live for the past five years without any errors, ensuring seamless functionality and reliability.

SARI (Severe Acute Respiratory Infection) Disease Survey Application   Apr 2020 – Jun 2020
Tools/Technology: Java Script, HTML, CSS, PHP, SQL, AJAX, jQuery, PWA, Git.
Appreciation: Received letters of appreciation from the District Health Officer and also from the Principal of KJSIEIT.

- Developed a comprehensive web and mobile application for Solapur Municipal Corporation's healthcare workers within a tight three-day timeframe, facilitating real time data collection and tracking for over 1,000 Severe Acute Respiratory Infection (SARI) cases.

CO-CURRICULAR ACTIVITIES

- Served as a Training and Placement Student Coordinator at KJSIEIT Jun 19–Jun 21, facilitating student recruitment and placement activities.
- Conducted a workshop titled "Empowering the Future of Web Develop" at KJSIT in Dec 23, enhancing student skills in web technologies.
- Floor Marshal at TCS (2 Years): Led safety protocols and coordinated team operations, demonstrating leadership, team management skills.