Shruti Jayaswal

## Software Developer

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# PROFESSIONAL SUMMARY

Detail-oriented and passionate Computer Science graduate with hands-on experience in software development through coursework and internships. Proficient in modern programming languages and techniques, with a strong commitment to continuous learning and applying best practices. Dedicated to delivering high-quality software solutions and eager to contribute to innovative projects.

# EDUCATION

**CMR Institute of Technology Bengaluru, KA, INDIA**

*Bachelor of Technology in Computer Science and Engineering CGPA:8.56 Nov 2021 - June 2025*

# TECHNICAL SKILLS

**Programming Languages:** C Programming,Java,Python,Javascript

**Frameworks:** HTML5,CSS3,React Js,Flask

**Databases:** MySQL,MongoDB

**CI/CD and Monitoring:** Git,GitLab,GitHub

**Project Tools:** JIRA, Confluence, Azure DevOps

**Testing:** Selenium, Postman, JMeter, NUnit, xUnit, PyTest

**General Skills:** Communication skills,leadership skills,Teamwork skills,Decision-making and situation awareness, Creativity,Adaptability,Organization,Prioritization,Time management,Enthusiasm,Emotional intelligence

# WORK EXPERIENCE

**Web Developer Intern**

*CodSoft, Kolkata, KA, INDIA Oct 2024 - Present*

* Developed and executed over **200 automated test cases,** reducing manual testing time by **40 Percent** and increasing regression test coverage by **70 Percent**.
* **Designed** and developed responsive, user-friendly websites using **HTML5, CSS3, JavaScript, and Bootstrap**.
* Built and maintained front-end components using (**React js and Vue js/Angular**, based on what you used)
* Integrated **RESTful APIs** to enable dynamic content and improved user experience.
* Collaborated with designers and backend developers to implement modern **UI/UX designs**.
* Utilized **Git** and **GitHub** for version control and collaborative development.
* **Optimized** website performance, improving page load times and ensuring **cross-browser compatibility**.
* Participated in **Agile** development cycles including daily **stand-ups, sprint planning,** and **code reviews**.

# PROJECTS

* **E-Learn Hub: Online Course Management System** Designed and developed a web-based learning platform supporting **Admin, Instructor, and Student roles with secure authentication and role-based access**.
* **Implemented** course creation, enrollment, content upload (videos, PDFs), and assignment management features.
* Created **dynamic dashboards** for instructors and students to manage course progress and submissions.
* **Developed** quiz and grading modules for **automated assessments** and **feedback**.
* Built a responsive and mobile-friendly user interface using **HTML, CSS, JavaScript, and Bootstrap**.
* **Integrated** backend logic and database operations using **PHP,Node js,Django and MySQL, MongoDB**.
* Tested **system functionality** and usability to ensure a smooth user experience across browsers and devices.
* **Stakeholder Management System**:Developed a web-based application to manage and track stakeholders’ information, communication, and engagement history.
* Implemented backend functionality in **PHP** to handle CRUD operations for stakeholders, meetings, and communications..
* Integrated **MySQL database** for storing stakeholder profiles, feedback, meeting logs, and contact details.
* Created **role-based login system (Admin/User**) for **secure access** and **data segregation.**
* Built dashboard with visual summaries of **stakeholder categories, activity timelines,** and **engagement metrics,**
* Implemented **form validation** and error handling to ensure accurate data entry and secure operations.

# CERTIFICATIONS

## Microsoft Certified: Azure Developer Associate:Build end-to-end solutions in Microsoft Azure to create Azure Functions, implement and manage web apps, develop solutions utilizing Azure storage,and more.

* **AWS Certified Developer Associate**: Associate showcases knowledge and understanding of core **AWS services**, uses, and basic **AWS architecture** best practices, and proficiency in **developing, deploying, and debugging cloud-based applications** by using AWS. **Preparing for and attaining this certification gives certified individuals more confidence and credibility. Organizations with AWS Certified developers have the assurance of having the right talent to give them a competitive advantage and ensure stakeholder and customer satisfaction**.
* **Certified Tally ERP9**:**Proficiency in using the Tally ERP 9 software, which is widely utilized for accounting, inventory management, and other business operations. This certification is aimed at professionals and students in accounting, finance, and business management fields who seek to enhance their skills and career prospects**.