

Afreeda Asad

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SUMMARY

Full-stack developer with hands-on experience in web application development and software testing. Proficient in technologies like React.js, PHP, MySQL, and AWS, with practical exposure to SDLC and Agile methodologies. Skilled in building responsive, secure web solutions and performing functional, regression, and API testing using tools. Strong foundation in programming, database management, API integration, and version control with Git. Proven ability to collaborate in cross-functional teams, contribute to open-source initiatives, and deliver quality-driven software solutions.

SKILLS

Technical:

- **Languages:** Java, Python, C, C++, JavaScript, PHP
- **Frontend:** HTML, CSS, React.js, Bootstrap, Tailwind CSS, Flutter, Vite
- **Backend:** Node.js, Spring, Spring Boot, PHP
- **Databases:** MySQL, PostgreSQL, MongoDB, Oracle
- **Tools & Platforms:** Git, GitHub, VS Code, AWS
- **Concepts:** OOPs, Data Structures & Algorithms
- **Specialized Areas:** WordPress, Plugin Customization, Open Source Contribution

Testing and Quality Assurance

- **Manual Testing:** Functional, Regression, Smoke, UAT, Exploratory
- **Automation & Tools:** Vitest, Jest, Postman, Thunder Client, Burp Suite, Wireshark
- **API Testing & Validation:** REST API Testing, Authentication & Payment Flow Testing
- **Testing Processes:** SDLC, STLC, Defect Life Cycle, Test Case Design, Test Scenarios

Integration, Workflow & Security

- **APIs & Integrations:** REST APIs, API Integration, JWT Authentication, Razorpay Payment Gateway
- **Workflow & Management:** Agile/Scrum, Version Control (Git Workflow), JIRA
- **Messaging & Streaming:** Apache Kafka
- **Security:** Cybersecurity Fundamentals
- **Networking Tools:** Burp Suite, Wireshark

WORK EXPERIENCE

Codyssey Services

Remote

Software Engineer

Oct 2025 - Present

- Designed and developed scalable web applications and a cross-platform mobile app, enhancing user engagement and business reach.
- Collaborated in an Agile team to build and optimize front-end interfaces using React.js and Tailwind CSS, ensuring seamless responsiveness and accessibility.
- Conducted functional, API, and regression testing to maintain high software quality and reduce post-deployment defects.
- Contributed to end-to-end product development from UI/UX design and backend integration to deployment and performance optimization.

Accenture

Gurugram, Haryana

Full Stack Web Developer Intern

May 2024 - Jul 2024

- Built responsive front-end components using **React.js**, improving page load time by **30%**.
- Integrated **RESTful APIs** with JWT-based authentication, enhancing app security and performance.
- Collaborated in an Agile team using **GitHub** for version control and pull request workflows. Reduced merge conflicts by **20%**.
- Designed and executed **manual test cases**, including **API testing** using **Postman** and **Thunder Client**.

- Logged and tracked bugs in **JIRA**, ensuring faster issue resolution and improved code reliability.

Deoband Community Wikimedia

New Delhi, Delhi

Web Developer Intern

Jul 2023 - Sep 2023

- Maintained and updated content using **WordPress**, ensuring consistent website uptime and accuracy
- Developed custom features with PHP and plugins to extend site functionality.
- Conducted **black-box testing** and managed sprint-based bug tracking using **Agile/Scrum** methodology.
- Assisted in site backup processes, version updates, and cross-browser testing.

PROJECT EXPERIENCE

Craftique – E-commerce Website

Developer & Tester

Jan 2025 - Jul 2025

- Developed a full-stack web application to connect **Sambhal artisans** directly to buyers, reducing middleman costs by **30%**.
- Implemented features like **personalized product recommendations**, filter-based search, and a **chatbot**.
- Integrated **Razorpay** for secure payments and **JWT authentication** for user access control.
- Conducted **API and functional testing** using **Postman** and logged bugs in **JIRA**.
- Tech Stack: React.js, PHP, MySQL, Razorpay, JWT, Postman, JIRA.

PlannerConnect – Event Planning Platform

Full-Stack Developer

Jan 2024 - Jul 2025

- Built a platform to connect clients with event planners, featuring a **rating & review system** to ensure trust and transparency.
- Designed a responsive UI with **React.js** and a backend using **PHP and MySQL**.
- Collaborated in Agile sprints and managed task tracking and version control with **Git & GitHub**.
- Performed **usability testing** and fixed UI bugs based on peer feedback.
- Tech Stack: React.js, PHP, MySQL, Git, GitHub.

Advertising Management System

Developer

May 2023 - Aug 2023

- Designed and developed a web application to allow small businesses to advertise products cost-effectively.
- Built using **PHP and MySQL**, focusing on performance and simplicity.
- Performed **black-box testing** and validated database queries for efficient data handling.
- Achieved **40% cost reduction** for simulated advertising models via open-source deployment.
- Tech Stack: PHP, MySQL, SQL, Black-box Testing.

EDUCATION

Aligarh Muslim University

Aligarh, UP

Master in Computer Science and Applications (M.C.A.) | CGPA: 8.0

Graduation Date: Jul 2025

B.Sc. (Hons.) Computer Applications | CGPA: 8.4

Graduation Date: Jun 2023

LEADERSHIP EXPERIENCE

WIKI CLUB AMU

Core team member

Jan 2024 - Oct 2024

- Volunteer work to promote free knowledge and free education.
- Coordinated cross-functional coordination of editors and technical staff, enhancing platform stability and decreasing system downtime by 15%, thereby improving overall user experience for millions of readers.

CERTIFICATIONS

Google: • Google Cybersecurity Professional Certificate

Microsoft: • Microsoft Azure Fundamentals (AZ-900)

AWS: • AWS Security Learning Plan

AMU: • Penetration Testing Workshop

GreatLearning: • Java Programming Certificate

JPMorgan Chase & Co. : Software Engineering Job Simulation