

Alia Sadiq (Portfolio)

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Experience

Cognitive Healthcare International — NSTP Software Engineer

Islamabad, Pakistan

Dec 2025 - Present

- Developed frontend components using React.js and backend APIs with NestJS
- Containerized applications using Docker and deployed services on AWS EC2
- Learned and implemented concepts of RAG-based LLM systems, understanding AI integration with real-world data
- Worked in a professional agile environment, following clean code and version control practices

Nuexus Intern

Islamabad, Pakistan

Sep 2024 - Nov 2024

- Interned at Nuexus, collaborating on the development of the company website.
- Enhanced technical skills and gained valuable teamwork experience in a professional setting.
- Completed weekly tasks, consistently meeting project deadlines.
- Enhanced technical skills and gained valuable teamwork experience in a professional setting.

Education

Riphah International University

Islamabad, Pakistan

Software Engineer's Degree, Faculty of Computing (3.61 CGPA)

2021 - 2025

Technical Skills

Languages: C++, Java, Javascript, MERN Stack, Nest.js and Angular

Developer Tools: Git, Visual Studio, Figma, Docker, AWS

Database: SQL, PostgreSQL, MongoDB

Projects

Next.js Routing Visualizer: VS Code Extension ([LINK](#))

Published the 'Next.js Routing Visualizer' VS Code extension (200+ downloads) to solve the common developer pain of understanding dynamic and nested Next.js routes visually, enhancing productivity and demonstrating practical problem-solving skills.

Final year Project: Plantify ([LINK](#))

Plantify is a platform promoting reforestation and tree planting campaigns, aligned with UN SDGs 13 and 15. It features modules for campaign management, personalized gardening insights, a plant marketplace, and a social media platform for afforestation enthusiasts.

FreeCodeCamp Hackathon: Swap Cart ([LINK](#))

I participated in the FreeCodeCamp Hackathon where I designed and developed interactive UI components using Vue.js. During the event, I gained hands-on experience in rapid prototyping, responsive design, and collaborative coding while working with an international team to build and present a functional web application.

Certifications

- Git for Developers Using Github- Coursera
- Web Development in React.js: Build a Web App
- AWS Certified Cloud Practitioner (ongoing)

Extracurricular Activities

- Attended IEEE CIS Summer School 2022, gaining knowledge in cutting-edge technologies and research.
- Hosted OSFP Day in Islamabad, 2024, fostering collaboration within the open-source community.
- Hosted Agile Day in Islamabad, 2024, bringing together industry experts to discuss Agile methodologies