

Mohamed Babiker

Software Developer & Designer



Portfolio: portfolio-theta-pink-83.vercel.app | LinkedIn: <https://www.linkedin.com/in/mohamed-babiker-23bb40359/>

Summary

As a versatile professional with a passion for both software development and design, I bring a unique blend of technical expertise and creative flair. My background in computer science and hands-on experience with various technologies allows me to create user-friendly applications with an eye for aesthetics. I am eager to contribute my skills to innovative projects and collaborate with cross-functional teams.

Skills

- **Programming / Technologies:**
 - Python, Java, C++, JavaScript, TypeScript
 - NET / .NET Core / ASP.NET (C# , Entity framework, LINQ, Blazor / Razor Pages)
 - HTML, CSS, React, Angular, Vue.
 - Node.js, Express.js
 - SQL / NoSQL Databases (MySQL, MongoDB, PostgreSQL)
 - REST APIs / GraphQL
 - Microservices Architecture
 - Cloud Platforms (AWS, Azure, GCP)
- **Software Development & SDLC:**
 - SDLC (Software Development Life Cycle)
 - Agile / Scrum
 - Waterfall Methodology
 - CI/CD (Continuous Integration / Continuous Deployment)
 - Version Control (Git, GitHub, GitLab)
 - Unit Testing / TDD (Test-Driven Development)
- **Development Tools & Environments:**
 - Docker / Kubernetes

- Visual Studio
- Azure DevOps
- Microsoft Azure
- AWS
- Google Cloud Platform
- XAMPP / WAMP / MAMP (Apache, MySQL, PHP, Perl)
- Jenkins / GitHub Actions
- VS Code / IntelliJ / Eclipse
- Jira / Trello / Asana
- Version Control (Git, GitHub, GitLab)
- Unit Testing / TDD (Test-Driven Development)
- **Other Skills:**
 - Problem Solving
 - Team Collaboration
 - Object-Oriented Programming (OOP)
 - Design Patterns
 - Software Architecture
 - Debugging / Troubleshooting
- **Design:**
 - Skilled in user interface (UI) design using tools like Figma and Adobe XD.
 - Understanding of visual design principles, typography, and color theory.
 - Ability to create wireframes and interactive prototypes.

Education & Iqama

- **Bachelor's Degree in Software Engineering**
 - Nile University, Khartoum, Sudan
 - Graduate
 - Transferable Iqama

Projects

Project Title: E-Commerce Website design

- **Role:** Full Stack Developer & UI Designer
- **Description:** Collaborated with a team to develop an e-commerce website. Developed front-end components, and enhanced user experience. We created wireframes and mockups to guide the design process.
- **Tools Used:** React, Node.js, Figma
- **Outcome:** Increased user engagement and improved design.

Project title: back-end focused website

- **Role:** Back-End Developer & UX Designer
- **Description:** Completed a back-end system, featuring a fairly designed log-in screen, security work, and encrypted with salting.
- **Tools Used:** PHP, html, CSS, Javascript
- **Outcome:** Streamlined user navigation and received positive feedback from our instructor.

Recent projects

- <https://portfolio-theta-pink-83.vercel.app/project>
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Languages

- **English:** Fluent
 - **Arabic:** Native
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Certificates

- Oracle Cloud Infrastructure 2023 Certified Foundations Associate
 - Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
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Professional Experience

Systems Analyst

Richmond - RCS – Riyadh

Dates of Employment: 2022 – 2024

- Conducted system analysis and evaluation for mobile application development.

- Collaborated with stakeholders to gather system requirements and create detailed functional specifications.
 - Designed and implemented system solutions, ensuring scalability, reliability, and performance optimization.
 - Developed and maintained comprehensive documentation, including user guides, system flowcharts, and technical manuals.
 - Worked closely with development teams to integrate new features and functionalities.
 - Performed system testing and troubleshooting to ensure optimal system performance and user satisfaction.
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