# Rayen Rakkad
## Software Engineer

🏠 Ariana, Tunisia  🏠 Schmalkalden, Germany ( Starting from April 2025 )  📞 +21629166107  ✉ rakkadrayen@gmail.com

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## Education

**Engineering Diploma in Software Development and Information Systems**          September 2023 - Present
*Private College of Engineering and Technology, TEK-UP University*                              *Ariana, Tunisia*

**Master's Degree in Information Systems Management**          September 2012 - June 2018
*Faculty of Economic Sciences and Management*                              *Nabeul, Tunisia*

## Experience

**Naxxum Group – Tunis, Tunisia**          July 2024 – September 2024
*QA Automation Intern*
- Implemented a Behaviour Driven Development test software using Java, Selenium, and Cucumber.
- Built a Page Object Model framework to assure code maintainability and scalability using different OOP concepts.
- Integrated representatives reports to be generated after every test scenario using Extent Reports.

**Proservices Training Company – Ariana, Tunisia**          July 2023 – September 2023
*UX/UI Designer Inter*
- Refactored the UI of an ERP Web Application, improving the user experience and reducing frontend developers' system design complexity.
- Implemented an Invoice UI system based on users feedback.
- Prototyped the Web and Mobile versions of the Application using Figma, enhancing the overall user sexperience.

## Projects

**Planty** | *Python, Deep Learning, Node.js, Express, React, Mysql, Docker, Jenkins*
- Collaborated in building a cross-platform application that recognizes plant leaves from images and predicts their health status.
- Trained a Deep Learning model in Kaggle with CNN algorithm to classify images from a dataset.
- Implemented a CI/CD environment to develop, test, build, and deploy the application

**Kanban Board** | *Node.js, Express, Angular, MongoDB*
- Led the development of a full-stack Project Management Web Application with Kanaban using MEAN stack.
- Designed a scalable RESTful API using Express.
- Implemented a drag-and-drop project management system to help users organize tasks with a performant and secure process.

## Technical Skills

**Languages**: Java, SQL, HTML, CSS, JavaScript, TypeScript, C#, PHP, Python, Swift, YAML
**Technologies**: Angular, React, Next.js, Spring Boot, Express.js, Tailwind CSS, Django, Symfony, ASP.NET, Node.js, Ionic, Android, iOS, Azure, AWS, Docker, Kubernetes, Selenium
**Concepts**: Cloud Engineering, Artificial Intelligence, Machine Learning, DevOps, OOP, UX/UI, Agile / Scrum

## Certifications

- SAA-C03 AWS Solution Architect Associate. ( in progress )
- AZ-900 Microsoft Certified: Azure Fundamentals.
- AI-900 Microsoft Certified: Azure Artificial Intelligence Fundamentals.