

# Rayen Rakkad

## Software Engineer

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### Education

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<b>Engineering Diploma in Software Development and Information Systems</b> <i>Private College of Engineering and Technology, TEK-UP University</i>	September 2023 - Present <i>Ariana, Tunisia</i>
<b>Master's Degree in Information Systems Management</b> <i>Faculty of Economic Sciences and Management</i>	September 2012 - June 2018 <i>Nabeul, Tunisia</i>

### Experience

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<b>Naxxum Group – Tunis, Tunisia</b> <i>QA Automation Intern</i> <ul style="list-style-type: none"><li>Implemented a Behaviour Driven Development test software using Java, Selenium, and Cucumber.</li><li>Built a Page Object Model framework to assure code maintainability and scalability using different OOP concepts.</li><li>Integrated representatives reports to be generated after every test scenario using Extent Reports.</li></ul>	July 2024 – September 2024
<b>Proservices Training Company – Ariana, Tunisia</b> <i>Front-end Developer / Designer intern</i> <ul style="list-style-type: none"><li>Refactored the UI of an ERP Web Application, improving the user experience and reducing frontend developers' system design complexity.</li><li>Implemented payment feature and screens using React as framework.</li><li>Prototyped the Web and Mobile versions of the Application using Figma, enhancing the overall user experience.</li></ul>	July 2023 – September 2023

### Projects

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- PlantZ** | *Deep Learning, Flask, Node.js, Express.js, React, PostgreSQL, Docker, Kubernetes*
- 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 large 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 Kanban using MEAN stack.
  - Designed a performant RESTful API using Express.js
  - Implemented a drag-and-drop project management system to help users organize tasks with a performant and secure process.

### Technical Skills

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**Programming Languages:** Java, SQL, HTML, CSS, JavaScript, TypeScript, C#, PHP, Python, Swift, YAML

**Technologies:** Angular, React, Next.js, Spring Boot, Express.js, Tailwind CSS, Django, Flask, Symfony, ASP.NET, Node.js, Ionic, Android, iOS, Azure, AWS, Docker, Kubernetes, Terraform, Ansible, Selenium

**Concepts:** Cloud Engineering, Artificial Intelligence, Machine Learning, Business Intelligence, DevOps, OOP, UX/UI, Scrum

**Languages:** Arabic (Native), English (C1), French (B2), German (A1)

### Certifications

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