

# Eslam Magdy

## Senior Software Engineer

### SUMMARY

A seasoned Senior Software Engineer with a robust background in Computer Science from Menofia University, boasting extensive experience in backend and mobile solutions. Demonstrates deep expertise in cloud-native technologies, microservices architectures, and Agile project management methodologies. Strong track record in leading development teams, executing full SDLC, and elevating product quality through rigorous testing practices, including unit and integration tests. Advanced proficiency in a suite of technologies, including Node.js, React Native, AWS Services, Docker, and K8s, coupled with a commitment to best practices in software engineering, notably in database optimization, API design, and DevOps techniques.

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Node.js, React, .NET, React Native
<b>JavaScript Frameworks</b>	Angular, Node.js, React, Vue.js
<b>Mobile Frameworks and Libraries</b>	Crashlytics
<b>PHP Frameworks</b>	Laravel
<b>.NET Platform</b>	.NET
<b>JavaScript Libraries and Tools</b>	React Native
<b>Databases &amp; Management Systems / ORM</b>	MongoDB, MySQL, PostgreSQL
<b>Amazon Web Services</b>	AWS EC2
<b>Methodologies, Paradigms and Patterns</b>	Agile
<b>Deployment, CI/CD &amp; Administration</b>	CI/CD
<b>Virtualization, Containers and Orchestration</b>	Docker, Kubernetes
<b>Project Management &amp; Administration</b>	Project Management, Scrum Master
<b>SDK / API and Integrations</b>	RESTful API

## WORK EXPERIENCE

### Senior Software Engineer, Backend and Mobile Solutions

**Duration:** 09/2023 – present

**Summary:**

- Designed and implemented backend and mobile solutions with high availability, scalability, and fault tolerance
- architected microservices-based architectures

**Responsibilities:** Design and implementation of solutions, architecture of microservices, collaboration with product managers and designers, project delivery management, development of internal tools, Agile methodology application, mentoring junior engineers, debugging and performance profiling, applying unit and integration testing.

**Technologies:** Nodejs, React Native, Nextjs, PostgreSQL, AWS Services, Docker, K8s

### Software Engineer II, Backend and Frontend Enhancements

**Duration:** 11/2021 – 09/2023

**Summary:**

- Optimized database schemas and queries
- refactored system parts
- integrated third-party APIs for payment processing
- and enhanced frontend components

**Responsibilities:** Database schema optimization, system refactoring, security vulnerability fixes, frontend component development, project delivery management, integration of third-party APIs, conducting code reviews, on-call production issue troubleshooting, participation in hiring.

**Technologies:** Nodejs, Angular, React Native, MongoDB

### Software Engineer I, Various Development Projects

**Duration:** 08/2019 – 11/2021

**Summary:**

- Contributed to backend and client-side development projects
- optimized systems for performance and scalability
- engaged with stakeholders for requirements gathering

**Responsibilities:** Backend and client-side development, code reviews, system optimization, stakeholder engagement, gathering requirements, providing development insights and recommendations.

**Technologies:** Node.js, .Net, Laravel, React, Vue, React Native, PostgreSQL, MySQL, Firebase

## EDUCATION

- **Computer Science**  
Menofia University, Egypt  
2017 – 2022

