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

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

Project Management & Administration	Project Management, Scrum Master
SDK / API and Integrations	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