✉ mostafa.s.hanafy@gmail.com
📍 ME-12, Abu Dhabi, UAE
📞 (+971)581-128-241
🔗 linkedin.com/in/mostafa-s-hanafy
🔗 github.com/mostafasayed

Mostafa Hanafy
Senior Full Stack Engineer

Professional Summary

Senior Full Stack Engineer with 10+ years of experience designing and delivering scalable, cloud-based applications using Node.js, TypeScript, and React. Strong background in microservices architecture, REST API design, and cloud infrastructure (AWS, Docker, Kubernetes). Proven ability to lead cross-functional teams, improve performance, and implement modern development practices across backend and frontend systems.

Core Skills & Technologies

Backend: Node.js, TypeScript, Express.js, Python, Django, Odoo
Frontend: React, React Native, JavaScript (ES6+), HTML, CSS, Redux
Databases: PostgreSQL, MySQL, MongoDB
Cloud & DevOps: AWS, Docker, CI/CD, Linux, Bash, Nginx, Kubernetes
Messaging & Queues: RabbitMQ, SNS, SQS
Tools: Git, Jira, REST APIs, TDD, Agile, Microservices Architecture

Experience

Senior Full Stack Engineer | *AirCarbon Technology. Ltd, UAE | Jan 2022 - Present*
- Designed and implemented scalable microservices architecture using Node.js and TypeScript.
- Developed RESTful APIs powering trading and marketplace platforms.
- Collaborated closely with DevOps and QA teams for multi-environment deployments.
- Diagnosed and resolved production issues improving reliability and uptime.
- Supported operations and product teams during major releases.

Senior System Developer | *Dynamic Smart Solutions, UAE | Apr 2018 - Dec 2021*
- Developed and customized Odoo modules using Python, XML, and JavaScript.
- Built web portals and APIs with Node.js and React.
- Developed attendance and mailing systems integrated with ERP.
- Delivered mobile reporting app for ERP analytics.

Freelancer | *Upwork, Egypt | Jan 2018 - Apr 2019*
- Delivered multiple Odoo and full-stack projects for international clients.
- Developed vending machine management modules using Python and Odoo.

Development Team Leader | *Selective Systems, KSA | Jan 2015 - Jan 2018*
- Led a development team delivering enterprise-grade Odoo systems.
- Trained engineers on Python, Odoo, and deployment practices.
- Managed cloud and on-premise deployments and client integrations.

Teaching Assistant | *Information Technology Institute(ITI), Egypt | Oct 2014 - Feb 2016*
- Delivered training on Linux administration, Bash scripting, and database fundamentals.
- Assisted in open-source technologies and curriculum delivery.

OpenERP Developer | *It-sys Corporation, Egypt | June 2014 - Jan 2015*
- Developed and deployed Odoo HR and operations modules.
- Conducted user training on system functionalities.

Personal Projects
- **Ebay Alerts** – *Django, Node.js, RabbitMQ, Docker Compose:* Managed alerts for product prices on eBay.
  GitHub: https://github.com/mostafasayed/ebay-alert
- **Caddie Snack** – *React Native, Python, Node.js:* Food delivery mobile app for golf courses.
  App Store: https://apps.apple.com/ae/app/caddie-snack/id1553688605 | Google Play: https://play.google.com/store/apps/details?id=com.caddiesnack
- **Shop App** – *React Native:* Mobile shopping app.
  GitHub: https://github.com/mostafasayed/react-native-shop-app

Education
Open Source Applications Development Diploma | *Information Technology Institute (ITI), Cairo, Egypt | 2013–2014*
Focused on Python, Django, Linux, Bash, and open-source frameworks.

Bachelor of Engineering (Aeronautics & Aerospace) | *Cairo University, Egypt | 2008–2013*
Graduation Project: Unmanned Micro Air Vehicle – Grade: Excellent (95%).

Achievements & Links
- HackerRank: https://www.hackerrank.com/mostafa_s_hanafy
- CodeWars: https://www.codewars.com/users/mostafasayed
- Languages: Arabic (Fluent), English (Very Good)

References Available Upon Request