Milad TSX

Senior Backend Engineer

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EXPERIENCE

Senior Software Engineer (Web3/Scalability)

💻 Vexor Networks

11/2024 - 02/2025   📍 Remote | Spain

- Implemented caching, reduced load time 60%
- Built scalable event-driven notification system
- Automated CI/CD, cut errors, sped delivery
- Optimized backend, scaled without limits
- Boosted test coverage to 80% from 0%.

Senior Backend Engineer (Web3/Payment)

💻 LinkTrue

11/2021 - Present   📍 Remote | Internet

I'm developing a comprehensive solution that empowers businesses of all sizes to confidently accept cryptocurrency payments without relying on third-party intermediaries but relying on Decentralized AI Agents for monitoring and operations.

- Founded open-source non-custodial solution
- Built transparent crypto donations, end-to-end
- Integrated smart contracts for web app UX

Senior Backend Engineer (Web3/Launchpad)

💻 vent.finance

11/2021 - 06/2024   📍 Remote | Spain

- 60% cloud computing monthly costs reduction
- Secured $4M in Total Value Locked On-Chain
- Optimized customer on-boarding cost by 99%.
- Reduced backend deployment time by 99%.
- Maintained high (+95%) code test coverage
- Achieved 9/10 security audit score (Hacken)
- Enabled marketing automation with Klaviyo
- Speed up KYC to under 3 minutes with Onfido

SUMMARY

Senior Software Engineer with 10+ years of experience in designing, building, and optimizing robust backend systems. Skilled in improving system performance, ensuring security, and leading teams to solve complex problems. Passionate about automating workflows and balancing user needs with stakeholder goals. Proven ability to reduce costs and enhance scalability in production environments.

KEY ACHIEVEMENTS 🥇

Optimization
Reduced Cloud Costs by 60%

Scaling
Increased System Speed 10x

Security
Safeguarding $4M in Digital Assets

Quality
High-Quality Code with 95%+ Test Coverage

Fast Shipping
Fast Delivery with Continuous Improvements

Certificates 📚

Olas **AI Agent** Development @ 2024

Google Vertex **Generative AI** @ 2024

Ava L1 **Blockchain** Foundation @ 2024

Bitcoin SV Academy @ 2021

Certified **Ethical Hacker** @ 2019

Senior Backend Engineer (Realtime Mobile Gaming)

💻 Revision Gaming Studio

02/2020 - 07/2021   📍 Hybrid | Iran

- Refactored code, achieving 10x throughput
- Reduced game crashes from 35% to 8%, increasing successful sessions by 57%
- Designed cheat detection, identifying 10% of players cheating
- Improved database resilience, reducing recovery time to 3 minutes
- Audited and fixed 2 critical security flaws
- Led microservices migration, enabling system scalability.

Senior Backend Engineer (BugBounty Platform)

💻 Bugdasht

02/2019 - 09/2019   📍 Hybrid | Iran

- Applied cryptographic techniques to meet stringent data security requirements.
- Built the first version (MVP) from scratch, delivered ahead of schedule (8 mos)e, resulting in initial market traction.
- Identified a critical security flaw, avoiding loss
- Teamed with external security researchers to strengthen the platform further.

Software Engineer (SecOps)

💻 MCI (Mobile Communication Company)

11/2017 - 07/2019   📍 On-Site | Iran

- Automated monitoring, saved 3 hrs/day
- Analyzed bugs, raised security awareness
- Gained hands-on skills in cybersecurity

Junior Software Engineer (Enterprise)

💻 Saman Bank

08/2015 - 09/2017   📍 On-Site | Iran

- Built new subsystems to expand functionality
- Integrated modern work flows like chatbots
- maintained and troubleshoot legacy systems

Tech Skills 🛠️

Development Methodologies
- Agile
- Extreme Programming (xp)

System & Architecture
- System Design
- API Design
- Database Architecture
  - Postgresql
  - Dynamodb

Performance & Scalability & Efficiency
- High-volume data systems (RabbitMQ, Kafka)
- Speed optimization (Redis)
- Microservices Architecture

Cloud & Deployment
- DevOps
  - Docker
- Scalable cloud architecture
  - Amazon Web Services (AWS)
  - Google Cloud Platform (GCP)
- CI/CD
- Infrastructure as Code (IaC)
  - Terraform

Product Development
  Frontend Development
  - HTML, CSS, Tailwind
  - Javascript, Typescript (React.js)
  Backend Development
  - Python
  - Node.js (Nest.js/Next.js)
  - Familiar with Rust and Go
  Decentralized Systems
  - Ethereum (EVM) Blockchain
  - Smart Contracts
  - Ethers.js
  - Hardhat & Foundry

AI & Automation
- AI Agents
- Decentralized AI (OLAS)
- Workflow Automation (n8n)

Security & Compliance
- OWASP
- Static Analysis (Slither)
- Vulnerability Testing & Fuzzing (Foundry)

Version Control
- Github

Soft Skills
- Collaborative low ego
- Embracing Teamwork and Feedback
- Mentoring and Knowledge Sharing
- On-Time

Education 🎓

- Master of Science in Cybersecurity - 2019
- Bachelor of Science in Software Engineering - 2015