

Work Experience

- **Part Software Group**

customitemize

- **Technical Team Lead**

Jun 2023 – Present

JavaScript, Node, Vue

- Designed a digital banking app with **micro-frontends**, using modular architecture and **FSD** for micro-apps, reducing development time **10x**.
- Accelerated Design System and UI component integration with a shared dependency strategy using Git submodules (20x).
- Optimized user loan processing with a dynamic state machine, enhancing performance, security, and scalability (10x).

- **Technical Interviewer**

Apr 2021 – Present

JavaScript, Vue, Node, SOLID, OOP, Testing, Dependency Injection, Design Patterns, Clean Code/Architecture

- Developed further insight regarding people's coding habits and common bad practices.

- **Internship Director**

Mar 2023 – Sep 2024

- **Designed** customized learning paths aligned with company needs and cloud service integration

- **Senior Front-End Developer**

Feb 2020 – June 2023

JavaScript, Vue.js, PWA, TypeScript

- Customized TradingView for business needs, scaling core code modifications, API key integration, and cross-platform auto-save.
- Enhanced scalability and content flexibility by adopting a fully dynamic landing page approach using headless CMS (Keystone).

Lecturer

MASHHAD, IRAN

- **Montazeri Technical College of Mashhad**

Aug 2024 – Present

- Instructed special topics in software engineering, with an emphasis on software system design, analysis, and web development.

- **Part College**

Apr 2021 – Present

JavaScript, Vue, CSS, Node, Clean Code, SOLID, OOP, Testing

- Taught web development at TurboFront and Develooper colleges, covering front-end and back-end technologies and modern frameworks.

- **FUM Bootcamp**

May 2021 – Aug 2021

JavaScript, Vue, Clean Code

- Front-End Instructor at FUM Boot Camp

Rahe Roshd Institute

TEHRAN, IRAN

- **Software Design Analysis (Remote)**

Feb 2024 – Present

- Conducted requirement analysis and system modeling.
- Architected systems using UML, grounded in software engineering principles.

- **Software Engineer (Back-End, Remote)**

Apr 2024 – Present

Node.js, JavaScript, PostgreSQL, Sequelize, Redis

- Designed a modular, loosely-coupled, testable architecture for scalability and maintainability.
- Enhanced service up-time (from unstable 95% to stable 99.99%) by implementing an LRU cache.
- Boosted system scalability and resilience by implementing RabbitMQ-based message queuing, decoupling external service interactions.

TEK School

USA

- **Software Engineer (Front-End, Remote)**

Jun 2023 – Dec 2023

Vue js, React js, JavaScript

- Developed/Maintained Online Training Platform
 - * Designed interactive course templates for efficient content creation.
 - * Improved tracking and analytics by implementing xAPI, enhancing learning platform insights.
 - * Utilized AWS services, including Amplify, for authentication and user management..
- Technical interviewer (Software Engineering skills, JavaScript Deep-Dive).

Freelance Software Engineer

MASHHAD, IRAN

- **Web Application Developer**

Sep 2018 – Feb 2020

PHP, Java, JavaScript, Nodejs, React js, MySQL

Education

- **Bachelor's in Computer Engineering (Hons.)**

Sep 2017 – Sep 2022

Ferdowsi University of Mashhad (FUM)

MASHHAD, IRAN

GPA: 3.43/4.0

Honors & Awards

- **Awarded Top Student in Internship Programs (COOP program).**

2021

- **Faculty Member at Part College**

2023

Volunteer Experience

- **CoreStorm Programming Contest – Science Committee Member**

2024

- Contributed as a science committee member, designing contest questions with diverse technical insights and problem-solving approaches.
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Skills

- **Design, concepts & protocols**

Object oriented programming (OOP), design patterns, SOLID principles, loose/tight coupling concerns, dependency injection (DI), unit/integration tests, test-driven development (TDD), event-driven development (EDD), relational databases, web services, SOA, RESTful APIs, microservices.

- **Programming languages, technologies & tools**

C, TypeScript, JavaScript, Linux, NodeJs, VueJs, ReactJs, Headless CMS, Keystone, Dart, Flutter, SQL, PostgreSQL, Sequelize, Redis, RabbitMQ, Git, GitLab CI, GitHub Actions, Compilers, L^AT_EX, Regular Expressions.

- **Languages**

- English (B2 level)
 - Persian/Farsi (*native*)
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