Pedram Soofi
Software Engineer | Lecturer

pedramsoofi064 ⬤ in
pedramsoofi064@gmail.com email

Work Experience

- **Part Software Group** Mashhad, IRAN

  - **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).
    * **Led and mentored** a development team, promoting collaboration and technical growth through feedback and initiatives.

  - **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 Directorr** *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.

- **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 Developer 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.
    * Designed system architecture using software engineering principles.
    * Designed system architecture using UML

  - **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.
    * Implemented efficient message queuing to enhance reliability, scalability, and decouple external service interactions, using RabbitMQ.

- **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.
    + Integrated multimedia support (videos, quizzes, assessments).
    + Implemented xAPI for tracking and analytics.
    + Used AWS 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*

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, Dart, Flutter, SQL, PostgreSQL, Sequelize, Redis, RabbitMQ, Git, GitLab CI, GitHub Actions, Compilers, LaTeX, Regular Expressions.

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