Pedram Soofi
Software Engineer | Lecturer

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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**.
    * **Designed** a shared dependencies approach for the Design System, UI components, and commonly used utilities, using Git submodules for integration.
    * **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*

    * **Created** learning paths tailored to company needs and integration of specific cloud services.

  - **Senior Front-End Developer** — *Feb 2020 – June 2023*

    JavaScript, Vue js, PWA, TypeScript

    * **Customized** TradingView for Business Needs. Modified core code, integrated API keys, and enhanced 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.

- **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 2021*
  Ferdowsi University of Mashhad (FUM)   Mashhad, IRAN

Honors & Awards

- **Awarded Top Student in Internship Programs.**   *2021*
- **Achieved a GPA of 3.43 on a 4.0 scale.**   *2021*

Skills

- **Design, concepts & protocols**

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

- **Programming languages, technologies & tools**

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