Ali Rostami

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EDUCATION

- **Islamic Azad University Of Mashhad** — Mashhad, IR
  Bachelor of Engineering in Computer Science; GPA: 3.43 (17.15/20) — *Sep. 2019 – Present*

SKILLS

- **Languages**: Javascript, Typescript, Go, Bash, Arduino, C++, SQL.
- **Frameworks/Libraries**:
  - **Frontend**: React, Next, Tailwind
  - **Backend**: Express, Nest, Gin, Echo
- **Technologies**: Git, Docker, Nodejs, PostgreSQL, MongoDB, Kubernetes
- **Platforms**: Linux, Web, Windows, Arduino, Raspberry, AWS, Hetzner Cloud

EXPERIENCE

- **Ardoak Smart Home** — Mashhad, Iran
  Founder, Software Engineer (Self-emplyment) — *Jan 2022 - Present*
  - **Arduino**: Arduino is an open-source single-board microcontroller, we used these with Ardoak software as core of the system.
  - **ESP8266**: The ESP8266 is a low-cost Wi-Fi microchip, used it to make things(wall sockets, light bulbs etc.) smart

PROJECTS

- **Portfolio**: My personal portfolio website that is 70% completed.
- **Ardoak**: Commercial Arduino software for an smart alarm system for houses.
- **Baagh**: Not yet open-source software written in Go programming language for managing RaspberryPi's GPIO pins without programming.
- **ReClass**: Open-source software to automaticly record online classes on daan.ir and save them as x265 encoded video using FFmpeg for encoding.
- **Paat**: Open-source software to print anything as a table, also a Go package
- **Instabot**: Open-source software to simulate human interactions with instagram and gain followers without getting banned.

VOLUNTEER EXPERIENCE

- **ProjMgt.fr Website** — Lille, France
  Software Engineer — *Jun 2022 - Present*
  - **React**: React is a free and open-source front-end JavaScript library for building user interfaces based on UI components. Worked on frontend authentication flow and UI/UX.
  - **Express**: Express, is a backend web application framework for building RESTful APIs with Node.js. Worked on complex RESTful APIs, user authentication and website security