



Hadi Aghandeh

Gender: Male

EDUCATION AND TRAINING

Astaneh Ashrafie, Iran

ELECTRONIC ENGINEERING Mehrastan University

Utilized semiconductor simulation tools to model transistor behavior and performance, culminating in the publication of original research papers.

Publications

- **Aghandeh, H.**, & Ziabari, S. A. S. (2017). Gate engineered heterostructure junctionless TFET with Gaussian doping profile for ambipolar suppression and electrical performance improvement. *Superlattices and Microstructures*, 111, 103-114.
- **Aghandeh, H.**, & Sedigh, Z. S. A. (2018). Representation of double material gate hetero-structure junctionless tunnel field effect transistor for analog and digital applications. *Electronic Industries*, 8(4), 77-86.

Level in EQF EQF level 7

WORK EXPERIENCE

FULL-STACK DEVELOPER – ELATE EDUCATION – 22/12/2022 – Current

Elate is a specialized platform for language testing. I began my journey here as a Junior Developer and, through growing my technical skills and taking on greater responsibilities, advanced to the role of **Senior Developer**. Throughout my tenure, I gained valuable hands-on experience across key domains:

- **Test Management Systems:** Designed, implemented, and managed various online assessments, exam workflows, and scoring systems.
- **Large-Scale Architecture:** Gained practical experience with Modular Monolith architecture and high-volume, scalable project designs.
- **Cloud Infrastructure:** Worked extensively with various AWS services, specializing in **AWS Fargate** and auto-scaling configurations to efficiently manage high-traffic loads.
- **Media Processing & Security:** Developed a robust user audio-recording system using **WebRTC**, converted via **AWS MediaConvert**. Integrated **AWS IVS** for screen and webcam recording to enhance exam proctoring and anti-cheating security.
- **Architectural Migration:** Actively contributed to migrating the core product from a legacy Monolithic structure to a modern Modular architecture.

FULL-STACK DEVELOPER – RASHT ONLINE – 01/02/2019 – 01/09/2020 – RASHT, IRAN

Architected and developed high-traffic, interactive e-commerce platforms, successfully scaling applications to support thousands of active users.
Implemented real-time features using WebSockets to drive dynamic, action-based user interactions and live data updates.
Engineered highly responsive Single Page Applications (SPAs), optimizing client-side performance, state management, and API integrations.

SKILLS

PHP | JavaScript | TypeScript | laravel - php framework | Web Frontend: ReactJS, NextJS, Nodejs, Bootstrap 5, Tailwindcss, Flexbox

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	C1	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user