Amir Kenarang

Backend Developer

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EXPERIENCE

Techranco, Tehran, IR

Senior Backend Developer

Jul 2022 – Present – (9 mos.)

- Designed and developed NodeJS microservices for a questionnaire system. The framework used was NestJS. Microservices comprised survey logic, data storage, authentication, and reporting.
- Coding an automated NestJS package to handle exceptions, multi-language responses, and a standardized response structure.
- Coded a messaging system to send emails using the NestJs framework.
- Conducted e2e testing & unit testing to ensure application performance, quality, and responsiveness by more than 70% code coverage.
- Worked on DevOps solutions, including setting up self-hosted ELK products such as APM, Kibana for data visualization, and Logstash for log collection and analysis.
- Run the GitLab CI/CD for 3 projects and deployed docker containers for services.
- Run and set up the self-hosted Atlassian Confluence with the PostgreSQL database.

Blu Bank, Tehran, IR

Senior Node.js Developer

August 2019 – Jul 2022 – (3 yrs.)

- Developed heavy microservices for KYC systems for onboarding 6M customers in the neo bank environment with Express.js and Nest.js framework.
- Implemented API with 500+ TPM in CRM services with 1+M requests per day.

SKILLS

Node.js
NestJs
TypeScript
JavaScript
Docker
MongoDB
Express.js
Kafka
React.js
Git
NLP

EDUCATION

Iran Azad University

Master of Artificial Intelligence
November 2017 - December 2019
Tehran, IR

Iran Azad University

Bachelor of Computer Software Engineering
November 2013 - December 2017
Tehran, IR

Publications

BiGRU attention capsule neural network for Persian text classification

Journal of Ambient Intelligence and Humanized Computing

https://link.springer.com/article/10.1007/s12652-022-03742-y

- Coordinated with 5+ other teams to develop microservices based on bank solutions in different products.

- Simplified development by 30% following design and integrated with custom NestJs library in Nexus repository.

- Collaborated with a team of 10+ engineers to define, design, and ship new features using an agile development methodology.

- Participated in 5+ back-office panels like CRM service to manage 3M customers.

- Researched live detection and face recognition solutions and prepared MVP services with Python and Flask frameworks.

- Quickly responded to critical support issues, acquiring a performance rate of 97% in 2021.

- Benchmarked with related tools to prove HTTP response quality. Optimized search query with Elastic, and minimized the average response time by 30%.

Novel Information Universe, Tehran, IR

Fullstack Developer

August 2016 - August 2019 - (3 yrs. 1 mos.)

- Developed websites from front-end to backend using React.js and Node.js, and Android applications with React Native from scratch.

- Increased website users by 50% in creating site structure and graphic design templates.

- Designed interactive designs for complex web applications using Mockup and sketching tools like AdobeXD.

- Utilized various Front-end technologies like React.js, HTML, and Scss to develop high-quality web apps.

- Managed website development projects from initial design through completion, optimizing all cross-browsers and multi-platform compatibility in https://niuniverse.com.

- Worked closely with programmers and clients to meet project requirements, goals, and desired functionality.

Freelance, Tehran, IR

Android Developer

December 2015 – August 2016 – (9 mos.)

- Created an application in Java using Android Studio from start to finish.

- Implemented a structure to manage the connection between android platforms and Industrial devices with the Bluetooth module.

- Organized data on SQLite database into the application.