

ERFAN MOHAMMADPOUR

CONTACT

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- Erfan Mohammdapour

SKILLS

Back-End Development

- Programming Languages: Python, PHP, SQL
- Frameworks & Libraries: Django, Flask, Laravel, Pandas, NumPy, Scikit-Learn
- Databases: MySQL, PostgreSQL, MongoDB
- APIs: RESTful, GraphQL
- Testing & Debugging: Pytest, Selenium

DevOps

- Tools & Platforms: Docker, Kubernetes, Docker-Compose, AWS, Apache Kafka
- CI/CD: Continuous Integration/Continuous Deployment
- Web Servers: Nginx, Apache2
- Version Control: Git, Bitbucket
- Scripting & Automation: Bash

EDUCATION

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2019 - 2022

Secured a top 4th place ranking in the National Olympiad in Computer and Mathematics.

Awarded a gold medal and represented the country in international competitions in Korea in 2019 and 2020.

Achieved a top 500 ranking in the National Entrance Exam for Computer Engineering at KNTU University.

KNTU University

2022 - Now

KNTU University, one of Iran's leading institutions, renowned for its rigorous programs in engineering and technology, providing a strong foundation in computer science and fostering innovation.

PROFILE

Dynamic and self-taught Web Engineer with over 3 years of hands-on experience in freelancing and startup environments. Expertise in both back-end and front-end development, with a strong command of Python and PHP. Demonstrated ability to design and deliver robust, scalable web applications tailored to diverse client needs. Successfully contributed to high-impact government and commercial projects, while consistently achieving excellence in national and international competitions. Recognized for innovative problem-solving and a commitment to delivering high-quality results.

WORK EXPERIENCE

Back-End & DevOps Developer

Computer Development Home (CDH)

August 2023 - Present

- Collaborated with three teams of web developers to build, design, and launch over 20+ interactive and enterprise-level web projects and applications. These projects spanned various industries, including news media, content delivery, VOD platforms, transportation, live streaming, music, B2B marketplaces, online exhibitions, healthcare, education (LMS), food services, cryptocurrency exchanges, and video games.

Key Contributions:

- Developed and implemented complex backend code, ensuring the delivery of robust and scalable solutions. Conducted thorough code reviews to maintain high-quality standards.
- Worked closely with client stakeholders to help define project scope and recommend optimal digital solutions aligned with their business goals, marketing strategies, and SEO objectives.
- Utilized a diverse technology stack, including PHP, Laravel, JavaScript, Vue.js, RESTful APIs, Java, Swift, and React Native, to contribute to the successful completion of various projects.
- Managed the development, staging, and production phases using a self-hosted GitLab version control server, facilitating a smooth and efficient workflow across teams.

Full-Stack & DevOps Developer

Pars Fanavaran Mobtaker (pfm)

August 2023 - July 2024

- Engaged in full-stack development with a focus on Laravel, PHP, React.js, and Django, utilizing a monolithic architecture to deliver robust and scalable solutions.
- Contributed to the development and maintenance of large-scale government projects, notably the national cooperative voting system, ensuring reliability and security.
- Implemented and optimized DevOps workflows, leveraging tools like Docker, Kubernetes, Jenkins, and Ansible to streamline CI/CD processes and automate deployments, enhancing overall project efficiency.

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Erfan Mohammadpour

EXPERTISE

- As a versatile and skilled Full-Stack Developer with a strong background in both back-end and front-end technologies, I bring a deep understanding of the complete development lifecycle. My expertise lies in building robust, scalable, and secure web applications using a wide range of programming languages and frameworks, including Python, PHP, Laravel, Django, React.js, and more. With a proven track record of delivering complex government and commercial projects, I excel in designing and implementing solutions that meet both technical and business requirements.
- In addition to full-stack development, I am highly proficient in DevOps practices, employing tools like Docker, Kubernetes, Jenkins, and Ansible to streamline continuous integration and deployment processes. My experience spans working on high-impact projects that require precise problem-solving skills, code optimization, and thorough testing to ensure high-quality outputs.
- I have a keen ability to understand and translate client needs into effective digital solutions, ensuring that projects not only meet technical standards but also align with business goals, marketing strategies, and SEO best practices. My commitment to staying updated with the latest industry trends allows me to bring innovative approaches to every project I undertake.

WORK EXPERIENCE

Back-End Developer

HashStudio

February 2022 - July 2023

- Specialized in backend development using Python, with a deep focus on scalable microservice architectures utilizing frameworks like Django and Flask.
- Developed and deployed microservices for key functionalities such as user authentication, payment processing, and real-time data analytics, ensuring modularity and maintainability.
- Expertly implemented asynchronous task processing with Celery, optimizing workflows such as background data processing, email notifications, and scheduled tasks.
- Enhanced database performance by fine-tuning queries and indexing, leading to efficient data handling in high-traffic environments.

PROJECT HIGHLIGHTS

Throughout my career, I've successfully delivered a variety of small to mid-sized projects, each contributing to the enhancement of my technical expertise and problem-solving abilities.

- IIDCYA Collaboration: Played a key role in developing front-end components for the Iran Toy Festival website, ensuring a responsive and engaging user experience. Worked closely with designers and content creators to bring the project to life.
- Sport2.ir Project: Developed the backend of the Sport2.ir platform using PHP, managing API integrations for real-time football predictions and analytics. The project required seamless handling of large datasets and real-time user interactions.
- karo: Led the backend development using PHP and Laravel, implementing complex API integrations to support the app's functionalities. Additionally, developed the Android app using React Native and extended the application to TV and PC platforms, ensuring a consistent and high-quality user experience across devices.
- Government Projects: Collaborated on various high-impact government projects, providing backend solutions and working closely with different agencies. These projects included developing secure, scalable systems tailored to specific governmental needs.
- Freelance Collaborations: Worked with multiple organizations and companies, delivering tailored web solutions that ranged from simple websites to complex applications. My work involved backend development, API integrations, and ensuring that the final product met both client expectations and industry standards.