Enez Meric Karakaya

Computer Engineer | Full-Stack Developer | Senior Software

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ABOUT ME

With over six years of experience in software development, I have contributed to numerous projects, specializing in Laravel, .NET, React, Vue.js, and PostgreSQL. I have a strong background in managing large-scale systems, conducting software testing, and optimizing complex infrastructures through API integrations.
Key Areas of Expertise:

- Industries: Health Informatics, Automotive & Transportation Technologies, Hotel & Tourism Technologies, Digital Marketing
- Software Development: Full-stack development, building systems from scratch
- Data & Analytics: Big data analysis and comprehensive reporting
- Quality Assurance: Software testing, debugging, and performance optimization
- DevOps: Linux server management, CI/CD, and DevOps processes
- System Architecture: RESTful APIs and microservices

EXPERIENCE

TRNC / On-site
June 24 – now

Fonet Information Technologies Inc.
KKTC Hospital Information Management System – Project Management, Software Testing

- Managed the Hospital Information Management System (HIMS) infrastructure for all hospitals in the TRNC, overseeing project management to ensure efficient, secure, and uninterrupted hospital operations.
- Optimized system processes, enhancing overall performance and reliability.
- Identified and resolved JavaScript and front-end issues following version updates, improving user experience.
- Designed detailed patient, financial, and operational reports using JasperStudio.
- Conducted in-depth log analysis and error diagnostics for back-end issues, identifying performance bottlenecks and providing technical reports with solutions.
- Managed PostgreSQL databases, developing custom statistical reports for patient tracking, operational workflows, and financial analysis.
- Regularly participated in meetings with the Ministry of Health officials, presenting system analyses, security updates, and performance improvement reports.

Istanbul / Hybrid
Oct. 21 – May 24

Ninova Information Technology Ltd.
Back-end Developer

- Played an active role in the development of a passenger entertainment system for Kamil Koç and other leading bus companies.
- Developed a large-scale management panel using Laravel 8, enabling centralized management of movies, TV series, and advertisement content. The panel facilitated dynamic content updates, access control, and media planning.
- Integrated Flutter with Laravel APIs to connect mobile devices to CentOS-based local servers on buses, ensuring seamless media streaming and user interaction.
- Implemented QR code-based session systems to analyze passenger viewing habits. Collected user statistics to generate detailed data reports on the most-watched content, optimizing advertisement display strategies accordingly.

Ankara / On-site
April 21 – Sept. 21

Portakal Software Ankara
Full-stack Developer (Intern)

- Gained expertise in web development processes using WordPress and PHP technologies, including advanced tasks such as developing custom themes and plugins.
- Acquired experience in Linux server management and optimization, working with Nginx/Apache configurations, security measures, database management (MySQL, PostgreSQL), and automated backup processes.
- Customized PHP code to create API integrations, custom modules, and dynamic content management systems tailored to client requirements.
- Enhanced SEO and site optimization, improving the speed, mobile compatibility, and search engine rankings of news, e-commerce, and personal websites. Applied techniques such as lazy loading, CDN integration, cache management (Redis, Memcached), and code minification to boost site performance.

TRNC / On-site
February 20 – April 21

Nagaş Hotel TRNC
COVID-19 Special Hotel Management System Software Development and Management

- Developed a Laravel-PHP-based tracking system for quarantine hotels in the TRNC, automating patient check-in/check-out tracking and streamlining processes for more efficient management.
- Integrated with Ministry of Health API systems, enabling real-time synchronization of patient data and automated daily report generation, which were then sent to relevant authorities.
- Built a high-performance and secure infrastructure on a Linux server, ensuring the system operated quickly, seamlessly, and scalably. Enhanced system efficiency using solutions such as Nginx configuration, database optimization (MySQL), cache management (Redis), and background processors (Queue).

Ankara / Remote
December 17 – Feb. 20

Birpa Information Technology Ltd.
Web Management

- Registered news websites such as Haberevet, Emlakbank, and Gazetebalikesir with Google News, produced original news content, and performed technical optimizations to enhance SEO compatibility.
- Provided live support services for the Ucuzuburada e-commerce site, implemented SEO optimizations, and applied performance improvements to enhance site speed.
- Ensured all websites operated fast, secure, and SEO-friendly by implementing cache management, CDN integration, schema markup, and mobile compatibility improvements.
- Made backend improvements using Laravel and PHP to ensure efficient system performance, and enhanced the user experience on the frontend with JavaScript and CSS.
- This is where my passion for software and web technologies began and developed. Throughout this process, I expanded my knowledge in database management (MySQL, PostgreSQL), API integrations, and web security.

SKILLS

- **Back-End:**
  - PHP (Laravel 8+), .NET (C#), Java (Spring Boot)
  - REST API, SOAP API, GraphQL
  - Microservices and Monolithic Architecture
- **Front-End:**
  - JavaScript (ES6+), React.js, Vue.js
  - HTML5, CSS3 (Tailwind CSS, Bootstrap)
  - Responsive and PWA Development
- **Databases:**
  - PostgreSQL, MySQL, Oracle SQL
  - Redis, Elasticsearch
- **Server & DevOps:**
  - Linux (Ubuntu, CentOS), Docker
  - CI/CD: GitHub Actions, GitLab CI/CD
  - Nginx, Apache
- **Other Tools:**
  - Git, Jira, Bitrix24
  - Agile & Scrum methodologies
  - API Testing and Integration (Postman, Jest, PHPUnit)

EDUCATION

Cyprus International University	Computer Engineer (EN)	2.24
Fırat University Elazig(TR)	Computer Programming (TR)	3.12

ABILITIES

- Problem-solving and developing optimized algorithms
- Teamwork, project management, and technical leadership
- Creating technical documentation and delivering effective presentations
- Quick adaptation to new technologies and continuous learning
- Analytical thinking, strategic decision-making, and problem management
- Designing high-traffic and scalable systems
- Efficient work with Agile methodologies (Agile, Scrum)

CERTIFICATE

- **Udemy:**
  - Python | From Scratch to Advanced Programming
  - SEO Training – From Beginner to Advanced by an SEO Expert
  - Become the Programmer You're Looking For Bootcamp | Python, Java, C#
  - Build a Hotspot Management App with Laravel & Router OS API