Ahmet Kutay Karacair

İstanbul, Turkey ✉ kutaykaracair@gmail.com ☐ +905309513661 in/ahmetkutay ☁ kutaykaracair.com

SUMMARY

I'm a full-stack software developer and DevOps engineer with experience in developing modern web and mobile applications (3+ years worked on various alongside with the previous). I build scalable, high-performance systems with React. Js, Node. Js, and AWS serverless architecture. I have been able to lead technology modernization projects, optimize legacy applications, and improve application performance. I love solving hard problems and learning new tech.

EXPERIENCE

Mid-level Software Engineer

Karnaval Media Group   **March 2024 - January 2025**

Karnaval Media Group provides entertainment articles, videos, and images on popular topics and categories.

- Reduced page load times by 40% by implementing performance optimizations in both frontend React components and backend PHP services.
- Successfully migrated legacy applications to containerized Docker environments, decreasing deployment time.
- Optimized database queries and API endpoints, resulting in 35% faster application response times.
- Developed responsive UI components and implemented modern front-end practices, enhancing cross-platform user experience.
- Created reusable code libraries and standardized development practices, increasing team productivity and reducing development time for new features by 30%.

DevOps Engineer

Orion Innovation   **July 2023 - March 2024**

Orion Innovation is an IT services and solutions provider helping organizations with Digital Transformation services.

- Executed the migration, setup, and maintenance of servers relocated from Russia to Turkey, reducing planned downtime by 40% and maintaining 99.8% data integrity.
- Enhanced an open-source ticket management system using Ruby on Rails, implementing five new features and improving system response time by 25%.
- Mentored four interns while developing an internal monitoring application using embedded Node.js, resulting in 100% successful project completion.
- Implemented server backup solutions and disaster recovery protocols, decreasing recovery time by 60% and improving system reliability by 35%.
- Streamlined deployment processes and established monitoring systems, resulting in 45% faster issue detection and 30% quicker resolution times.

Software Engineer

Orion Innovation   **December 2021 - July 2023**

Orion Innovation is an IT services and solutions provider helping organizations with Digital Transformation services.

- Developed and implemented new features based on customer requirements, enhancing product functionality and user satisfaction.
- Identified and resolved critical software bugs and issues, ensuring smooth application performance across platforms.
- Optimized code structure and queries, improving application response time by 32% and reducing server resource consumption by 25%.
- Collaborated with cross-functional teams to integrate customer feedback into development cycles.
- Utilized Jira for task management, ensuring efficient tracking and timely delivery of project deliverables.

Junior Software Engineer

Casemice Digital   **January 2021 - December 2021**

- Developed and debugged React.js and React Native applications, contributing to multiple frontend projects.
- Played a key role in creating a 3D web environment using React.js, Three.js, and Node.js sockets.
- Implemented Sentry.io for error tracking and monitoring, improving application stability and user experience.
- Collaborated with senior developers to learn best practices in modern web and mobile development.
- Gained hands-on experience with full-stack development, including Node.js backend solutions.

PROJECTS

Moxakk Analyzer

Omnia Potentia • March 2025 - Present

- Developed a robust web scraping system that extracts comprehensive match data for football (and potentially basketball) from various online sources.
- Integrated multiple AI services (Gemini, OpenAI, Cohere, Anthropic, Mistral) to generate insightful match analysis and commentary.
- Implemented a comprehensive authentication system with role-based access control for secure user management.
- Created a user-friendly dashboard for visualizing match data, team statistics, and AI-generated insights.

Moxakk Server

Omnia Potentia • September 2024 - Present

- Built a robust sports analysis backend that leverages multiple AI models (OpenAI, Cohere, Anthropic, and more) to deliver comprehensive match predictions and commentary.
- Implemented advanced web scraping capabilities to collect real-time match data, player information, and team statistics from sports websites.
- Developed a secure API with proper rate limiting, CORS protection, and security headers using industry best practices.
- Established a CI/CD workflow with Docker containerization for seamless deployment on ARM64 architecture.

EDUCATION

Bachelor of Science in Computer Engineering

Sakarya University • 2021

Relevant Coursework & Skills

• Programming Languages: C, C++, Java, JavaScript, TypeScript

• Backend Development: Node.js, Express.js, API development

• Frontend Development: React.js, Flutter

• Database Management: SQL, PostgreSQL, MongoDB, database modeling, query optimization

• Software Engineering: Object-oriented programming (OOP), design patterns, scalable architecture

Key Project: Mobile Application Development (Final Year Project)

• Backend Lead Developer: Built and managed the backend using Node.js & Express.js

• Frontend Collaboration: Worked with Flutter for UI and user experience improvements

• Database Implementation: Designed an optimized PostgreSQL database structure for performance and scalability

CERTIFICATIONS

Back-End Engineer Career Path

Codecademy

IELTS General

IELTS • 2023

Overall Score: 6.0   Speaking: 6.5, Listening: 6.0, Reading: 6.0, Writing: 6.0

Mobile Education Program

Ecodation Teknoloji Yazılım • 2019

SKILLS

Nodejs

Nextjs

Java & Spring Boot

PHP

Typescript

AWS

Docker

CI/CD Pipeline Management

MongoDB

PostgreSQL

MySQL