

# Mohamed Bakour

Software Engineer | Web Developer

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## EDUCATION

Istinye University | *Bachelor's degree in Software Engineering*

Istanbul, Türkiye | 2022 – 2026

- Current Cumulative GPA: **3.41 / 4.00**

## SKILLS

- |                              |                                                                                                              |                                                                             |              |
|------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------|
| • <b>Technical Skills</b>    | JavaScript, TypeScript, React.js, Node.js, Express.js, Git, MongoDB, SQL, Python, Machine Learning, OOP, AWS |                                                                             |              |
| • <b>Language Skills</b>     | English (C1)                                                                                                 | Arabic (Native)                                                             | Turkish (A2) |
| • <b>Professional Skills</b> | Collaboration and Teamwork<br>Problem-Solving Skills<br>Adaptability                                         | Project and Time Management<br>Strong Communication Skills<br>Quick Learner |              |

## CERTIFICATIONS

- MongoDB Node.js Developer Path** *MongoDB University | 2023*

## ACTIVITIES

- Participated in “The Leadership Hackathon” in İbn Haldun University and achieved the first place** *Istanbul, Türkiye | 2025*

## PROJECTS

- Cardiovascular Disease Prediction with Machine Learning [GitHub repo](#)
  - Applied machine learning techniques and algorithms using Python and Scikit-Learn
  - Trained models on medical datasets to predict cardiovascular diseases
  - Deployed models via a Flask REST API and built a React.js + TypeScript web interface
- Real-estate Web App Platform [Live demo](#)
  - Built a full-stack property listing platform using the MERN stack and TypeScript
  - Designed the UI in Figma and implemented it with React and Tailwind CSS
  - Developed a REST API with Express, integrating authentication, filtering, and file uploads on S3
- Social Media Reels Web Application [Live demo](#)
  - Created a social media platform for short videos using React, Express, Node, and MongoDB
  - Built a REST API with Express, handling authentication, email verification, and infinite scrolling
  - Stored user data in MongoDB and video files on AWS S3 for efficient media management
- Node.js Library for Creating Filesystem-Based JSON Databases [Live demo](#)
  - Developed and published a Node.js npm package for creating filesystem-based JSON databases
  - Implemented database operations with OOP, enabling CRUD and query functionalities
  - Explored npm publishing, making the library accessible for developers

More projects and demos available on my portfolio: [bakour.dev](https://bakour.dev)