**Mohamed Bakour**

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**EDUCATION**

**Istinye University | *Bachelor’s degree in Software Engineering*** *Istanbul, Türkiye |* **2022 – current**

* Current Cumulative GPA: **3.48 / 4.00**
* Candidate of graduating as a high honor student

**SKILLS**

|  |  |
| --- | --- |
| * **Software Skills** * **Language Skills** | JavaScript, TypeScript, React.js, SASS, Node.js,  Express.js, MongoDB, Python, OOP, Git, AWS   * Arabic Language: Native * English Language: Full Professional Proficiency * Turkish Language: Basic Elementary Level |

**RELATIVE COURSE WORK**

*Data Structures and Algorithms Analysis of Algorithms Discrete Mathematics*

*Advanced Programming with Python Software Security Programming Languages Object-Oriented Programming with C++ Principles of Artificial Intelligence Computing Systems*

**COURSES**

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

**PROJECTS**

* Peeko – Short videos social media web application.
  + Designed user interface using React.js and TailwindCSS.
  + Built REST API backend service using Node.js, Express.js, and TypeScript.
  + Stored user and post data in MongoDB database, and stored video files on AWS S3 service.
  + Implemented authentication, email verification, validation, file uploads, infinite scrolling, and many other features.
* PotatoDB – Node.js library for creating filesystem-based JSON databases.
  + Built a Node.js npm package with JavaScript and explored publishing libraries on npm.
  + Developed functionalities to create and manage databases and collections on the filesystem.
  + Utilized OOP knowledge to implement methods for manipulating and querying data.
* StockAI – Stock market AI prediction system.
  + Worked on a team to build an Artificial Intelligence project for Principles of AI course.
  + Researched machine learning algorithms to predict stock market based on data sets.
  + Explored training AI models using Python, and several utility and AI libraries.
  + Built model user interface with React.js, TailwindCSS, and TypeScript.