



IAU DPD

Mentorship Pr.

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Developers & the Languages

- **Software Developer**
- **Front-End Developer**
- **Back-End Developer**
- **Full Stack Developer**
- **Mobile Developer**
- **Game Developer**
- **Database Admin**
- **UX / UI Designer**
- **Data Scientist**
- **Cyber Security Developer**
- **Blockchain Developer**
- **Machine Learning / AI Developer**

Software Developer

They design and code software applications for various platforms , testing, and more. They develop applications for mobile, web, desktop, etc

**All programming languages
can be**

Front-End Developer

They develop software focused on creating User Interface (UI) and User Experience (UX) for web applications.

HTML, CSS, JavaScript, React.js, ...

Back-End Developer

They manage server-side tasks for web applications, including database design, administration, and the overall server-side logic.

Node.js, PHP, Python, C#, Go, SQL, ...

Full Stack Developer

Those who specialize in both
Front-End and Back-End
areas, working across both
sides of development.

**HTML, CSS, JavaScript,
Node.js, MongoDB, SQL,
Python, C#, GO, ...**

Mobile Developer

Developers who create applications for mobile devices like smartphones and tablets.

Swift(iOS), Kotlin(Android), Flutter(Cross-Platform), ...

Game Developer

They create games for various platforms, focusing on both functionality and entertainment.

**C++, C#
Unreal Engine, Unity**

Database Admin DBA

They manage database systems for data availability and security, performing regular maintenance.

SQL, Oracle, MongoDB, ...

UI / UX Designer

They work on the UI and UX designs of applications, ensuring they are intuitive and user-friendly.

**Sketch, Figma, Adobe XD,
InVision, (Front-End bilgisi +),
...**

Data Scientist

**They analyze and interpret
complex data to help
businesses make informed
decisions.**

**Python, R, SQL, TensorFlow,
PyTorch, ...**

Cyber Security

They develop and use software that detects and prevents malicious activities.

**Java, Python, C, C++,
Penetration testing
uygulamaları,**

Machine Learning / AI

They design and implement algorithms that enable machines to learn from data and act based on it.

**Python, TensorFlow, Keras,
Scikit-learn, PyTorch, ...**

THANKS