

Amir Akins

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SKILLS

Programming languages: Java, C#, JavaScript, HTML, CSS, SQL, Kotlin, Dart

Frontend: React, Flutter, Bootstrap, TailwindCSS, Responsive Design, UI Components

Backend & APIs: Spring Boot, ASP.NET, Express.js, REST APIs, Web Services, API Integration

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Relational Databases, Data Modeling

Cloud and Infrastructure: Cloud Computing, Hybrid Cloud, AWS, Azure, IBM Cloud, Google Cloud

Engineering Practices: System Design, Microservices Architecture, Application Architecture, Scalable Systems, Agile Methodology, SDLC, CI/CD, Git

PROJECTS

Full-Stack Web Application – *Living Dex Master* – [Link](#)

- Built a scalable application using React, Express.js, and MongoDB.
- Designed REST APIs, database schemas, and data models.

Robotics & Coding Instructor – *RDA Security Training* – [Link](#)

- Delivered a client-facing solution with React and Bootstrap.
- Translated business requirements into technical implementation.

Advanced Repair Agent – *Budget Buddy* – [Link](#)

- Developed a cross-platform budgeting app using Flutter and Firebase, enabling seamless financial tracking across devices

EXPERIENCE

Computer Science Teacher – *Dubois Integrity Academy*

2024 – PRESENT

- Designed curriculum emphasizing algorithms, computational thinking, and system architecture.
- Analyzed student performance data to tailor instructional strategies, resulting in an increase of academic outcomes by 25%.
- Led the Robotics Team to their first super-regional.

Robotics & Coding Instructor – *STREM HQ Tech Academy*

2023 – 2024

- Delivered instruction in application development, automation, and problem-solving.
- Improved retention by 40% using user-centric design and iterative development.
- Coordinated hands-on workshops, enhancing students' ability to build and program functional robots.

Advanced Repair Agent – *Geek Squad*

2021 – 2022

- Resolved complex issues across Linux, Windows, iOS, and Android systems.
- Applied root cause analysis, client communication, and technical documentation.
- Conducted thorough diagnostics on electronic devices, identifying core issues swiftly, which led to efficient repairs and minimized turnaround times by 35%.

EDUCATION

Mercer University – *Bachelor of Science, Software Application Development & Human-Computer Interactions*