

Axel Arellano

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SUMMARY

Results-driven Full Stack Software Engineer with extensive experience in building web applications using Java and Angular. Demonstrated ability to leverage AI-assisted development tools for enhanced productivity while maintaining high standards of code quality. Active participant in Agile methodologies introduces transparency and flexibility into workflows, fostering teamwork and efficient project delivery. Possess profound knowledge in front-end technologies and strong SQL expertise, allowing effective database interaction. Committed to translating complex requirements into accessible user interfaces that meet business needs while ensuring compliance with performance optimization standards.

EXPERIENCE

VP, Full Stack Software Engineer

June 2021 - Present

TechBridge Solutions

Atlanta, GA

Oversaw the design and development of scalable web applications focusing on enhancing user experience and engagement. Managed complex intra-team collaboration to transmute strategic objectives into functional specifications. Ensured consistent application of best practices through proactive code reviews. Spearheaded performance optimization strategies resulting in marked improvements in user satisfaction metrics. Continuously engaged stakeholders to refine operational processes leveraging innovative technology.

- Led the design and development of responsive web applications using Java and Angular, enhancing user engagement and accessibility.
- Implemented AI-assisted development tools, improving code quality and reducing development time by 30%.
- Collaborated with cross-functional teams to translate business requirements into technical specifications, ensuring alignment with strategic goals.
- Conducted code reviews to enforce best practices in UI engineering, leading to a 25% reduction in bugs.
- Drove stakeholder engagement to identify process improvement opportunities, successfully implementing solutions that streamline operations.
- Spearheaded the development of performance optimization techniques, resulting in faster load times and improved user satisfaction.

Software Engineer

July 2016 - May 2021

Innovative Tech Corp

Chattanooga, TN

Contributed significantly to server-side application development, ensuring robust performance and resilience across platforms. Emphasized adherence to UX frameworks throughout the implementation process. Led various testing initiatives that aimed to enhance the application quality and efficacy, contributing actively within an Agile framework.

- Developed and maintained serverless Angular web applications, ensuring compliance with UX frameworks and improving user accessibility.
- Implemented RESTful web services for seamless integration with backend systems, enhancing data retrieval efficiency.
- Analyzed and modeled software solutions, leading automated testing initiatives that increased deployment efficiency by 40%.
- Engaged in Agile methodologies, actively participating in sprints and retrospectives to refine development processes.
- Optimized database queries to reduce response times by 20%, significantly improving application performance.
- Designed educational materials and conducted training sessions for new team members on best practices in software development.

Junior Software Developer

August 2014 - June 2016

Data Solutions LLC

Nashville, TN

Assisted senior developers in creating database-driven applications, focusing on enhancing overall user experience through UI enhancement initiatives. Actively participated in client meetings, gathering feedback that informed further refinements.

- Assisted in the development of database-driven applications, focusing on UI design and user experience enhancements.
- Collaborated with senior developers to implement object-oriented programming principles, improving code maintainability.
- Contributed to testing and debugging efforts, ensuring high performance and reliability of applications.
- Engaged with clients to gather feedback and iterate on application features based on user needs.
- Participated in code review sessions, learning industry standards and best practices for software development.
- Developed documentation and user manuals for internal applications, facilitating easier onboarding and usage.

LEADERSHIP & AWARDS

- Recognized as Employee of the Month for delivering outstanding software solutions transforming customer experience.
- Achieved Best Team Award for exceptional collaborative project execution.

EDUCATION

Bachelor of Science in Computer Science

2024

Georgia Institute of Technology GPA: 3.8

Atlanta, GA

Coursework: Data Structures, Software Engineering, Web Development, Database Management

CERTIFICATIONS

- AWS Certified Developer – Associate 📅 2026
- Oracle Certified Professional, Java SE 11 Developer 📅 2025

TECHNICAL SKILLS

- **Programming Languages:** Java, JavaScript, TypeScript
- **Frameworks:** AngularJS, Angular, Spring Boot
- **Databases:** MySQL, PostgreSQL, Oracle
- **Development Tools:** Eclipse, IntelliJ, VSCode
- **Version Control Systems:** Git, Bitbucket, GitHub
- **Testing Tools:** JUnit, Mockito, Cypress
- **CI/CD Tools:** Jenkins, CircleCI, Travis
- **API Technologies:** REST, GraphQL, SOAP
- **Cloud Platforms:** AWS, Azure, Google Cloud
- **Agile Tools:** Trello, JIRA, Asana

SKILLS

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|----------------|----------------------------|---------------------------|-----------------------------------|
| • Java | • Agile Methodologies | • Maven | • Front-End Toolchains |
| • Angular | • AI Development Tools | • Project Management | • Testing Frameworks |
| • SQL | • UI/UX Design | • Accessibility Standards | • Software Development Life Cycle |
| • RESTful APIs | • Performance Optimization | • Code Quality | • Object-Oriented Programming |

PROFESSIONAL AFFILIATIONS

- Member of the Atlanta Software Developers Group, sharing knowledge and trends within the tech community.
- Participant in local hackathons, mentoring young developers and promoting innovation.

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST