

Bavly Fayed

Iowa | <https://bfayed.github.io/Bavly-Portfolio> | bavlyfayed@gmail.com | LinkedIn : Bavlyfayed2003

WORK EXPERIENCE

Altec <i>Co-op/ Full time Full-stack</i>	Osceola, IA <i>May 2025 - Present</i>
<ul style="list-style-type: none">Contributed to the development and maintenance of internal software tools using Angular, TypeScript, and C# .NET, improving operational efficiency for manufacturing processesDeveloped and optimized RESTful APIs for communication between frontend components and backend servicesUtilized SQL Server to query and update production-related data, ensuring data consistency across systemsApplied NgRx Component Store for efficient state management across Angular components, improving app scalability and maintainability.Implemented SignalR for live connection notifications and subscribing to other users activity to all users with access.	

Vontas <i>Intern Back-end</i>	Cedar Rapids, IA <i>Jun 2024 - Aug 2024</i>
<ul style="list-style-type: none">Contributed to the development of a website using Spring Boot, assisting in streamlining backend processes.Supported the integration of RabbitMQ for asynchronous communication between services, aiding in the optimization of high-volume data transactions and ensuring message reliability in distributed systems.Assisted in implementing an MVC (Model-View-Controller) architecture to ensure a clean separation of concerns, enhancing code maintainability.Collaborated with senior developers to enhance application scalability and fault tolerance by utilizing message queuing and microservices architecture.	

EDUCATION

Iowa State University <i>Bachelor of Science: Computer Science</i>	Ames, IA <i>Graduation Date: Dec 2026</i>
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Project Experience

Group Project <i>Android Application</i>	Ames, IA
<ul style="list-style-type: none">Designed and developed a collaborative Android application that enables users to seamlessly manage a shared calendar for scheduling events and appointments.Implemented intuitive user interfaces with responsive designs, ensuring a smooth and user-friendly experience across different devices.	

Portfolio Generator Web-Based Application

<ul style="list-style-type: none">The application automates the creation of personalized portfolio websites by generating professional portfolios based on user inputs.The application allows users to customize sections like experience, projects, and contact information dynamically.

Skills

Java, Python, Mkdocs, HTML, CSS, Java Script, Node.Js, React, Sql Server, express Js, Spring Boot, Angular, Type Script, C#, .Net, git, RabbitMQ, JSP, MVC, NgRx, Kendo UI, Mongo DB , UI/UX.