# Ann-Marie Kemp

## Full Stack Software Developer

520-390-5459 | Glendale, AZ 85303 | aedalenb@gmail.com

github.com/Ann-MarieKemp    linkedin.com/in/ann-mariekemp

### Technical Skills

TypeScript, JavaScript, React, React Native, VueJS, Node, Redux, HTML, CSS, Git, SQL, Express, Jest, Github, PostgreSQL, Cassandra, GraphQL, Jira, Travis, Jenkins

### Work Experience (IBM)

*Built internal tools to support and improve IBMer productivity*

**IBM | Software Developer | IT Support Slack Application | March 2023 - Present**
- Developed slack application handling user interactions to retrieve information using generative AI RAG backend enabling product specific IT Support
- Collaborated with team to develop architecture for end to end system flow

**IBM | Software Developer |  w3 Mobile | January 2023 - March 2023**
- Acted as technical lead for team building an enterprise React Native application for release on iOS and Android
- Architected a backend service allowing offline access to enterprise directory information supporting shared usage by internal mobile applications built in Swift and React Native
- Assisted teammates to troubleshoot complex technical problems
- Coordinated release planning and prioritized JIRA ticket work with product owners
- Supervised development of new mobile application features
- Implemented deployment processes for mobile application using Jenkins and App Center
- Delivered improved application on a new architecture using React Native resulting in greater cross team collaboration and decreased reliance on rare skills within the department

**IBM | Software Developer |  w3 Graph/ w3 Homepage | July 2021 - March 2023**
- Maintained production code and documentation for a GraphQL layer combining resolvers for more than 20 RESTful and gRPC microservices to service a unified UI experience
- Improved Oauth2 login experience within the w3 homepage through incremental improvements
- Instituted code review and unit testing standards across the internal organization
- Identified and fixed numerous production bugs
- Contributed to architectural design conversations and implemented new backend services to improve IBM intranet homepage as an individual contributor in response to organizational needs
- Developed frontend features to improve the internal IBM w3 Homepage used by more than 200,000 employees
- Coordinated releases of w3 homepage application as part of a 4 person leadership rotation

**IBM | Software Developer |  w3 Notifications/Settings Services | August 2020 - July 2021**
- Contributed features and test coverage to a real time event driven notification service leveraging Kafka and Cassandra
- Assisted in the building and maintaining a RESTful service storing the settings preferences for thousands of IBMers across multiple application tenants in a Cassandra database
- Worked as part of an agile team to deliver feature work in a continuous delivery environment

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## Additional Work Experience
*Freelance development work, personal side projects, transferable skills from audio engineering career*

**12Steps.video | Back End Engineer | May - June 2020 |** https://www.12steps.video/en/
*Website designed to help participants of 12 step programs find virtual meetings during COVID-19 lockdowns*
- Implemented additional back end logic to meetings GET request to parse query string using Go
- Wrote API endpoint to check if resource exists in PostgreSQL database using GORM and Go
- Added meeting note feature by writing endpoints and adding table to PostgreSQL database using SQL
- Integrated outside API call to retrieve time zone information when updating meeting information.
- Project developed with Go, SQL, PostgreSQL and GORM

**Recipix | Full Stack Software Engineer | March 2020 |** https://github.com/Ann-MarieKemp/Recipix
*Mobile application POC - converts user images of handwritten recipes into a digital format using text detection*
- Built mobile application UI to interact with machine learning API to detect text in photos
- Developed with React Native, Cloud Firestore, Firebase ML Kit to communicate with Google Vision API

**Fox News/Fox Business | Freelance Audio Engineer | Nov 2018-Jan 2020**
- Engineered audio mix for live television broadcasts in high pressure breaking news situations

**Kelson Productions | Interim Production Manager | April 2019-Aug 2019**
- Managed and Coordinated crew and presentation logistics for Columbia University events
- Provided IT support for meetings and conferences collaborating with advance teams, Columbia leadership and crew members to produce high quality professional events
- Improved operation/maintenance of installed system by writing 60 pages of technical documentation

**Thomson Reuters/NEP Studios | Audio Engineer/ Freelance EIC/ Floor Director | Jan 2017- Jan 2020**
- Built and maintained audio systems and engineered shows for two live broadcast control rooms
- Setup and debugged communication and video systems for corporate events and broadcasts
- Engineered audio mix for broadcast of online media content presented to an international audience
- Communicated direction to talent and camera crew
- Lead crews for system installation and production as freelance Engineer in Charge for special events

**Freelance Theatrical Audio Engineer and Technician | June 2007- Nov 2014**
- Collaborated with production teams to provide audio support for more than 100 productions
- Maintained audio quality of productions as leader of on site sound team for live productions

## Education and Credentials
**The Grace Hopper Program Software Engineering Course at Fullstack Academy of Code | April 2020**

**University of Arizona, BFA Theatrical Production Design and Technology | December 2008**
- Graduated four year program in 3.5 years and awarded Outstanding School Senior award

**IBM Developer Profession - Level 2 Experienced Credential**
https://www.credly.com/badges/db9d6c92-b1c6-4e52-97a7-166a92e6f4fa
- Internal credential awarded based on subject matter expert reviews of written project profiles and technical contributions