Jerry Forsberg

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Software Engineer - [LinkedIn](https://www.linkedin.com/in/jerry-forsberg-005181139/) - [Portfolio](https://jerry-forsberg-portfolio.netlify.app/)

**Professional Biography**

Full stack software engineer with 4+ years experience building modern web and mobile applications. Comfortable in Agile based team environments. Proficient in Javascript as well as Javascript frameworks and libraries such as React, React Native, Next.JS. Knowledgeable in object-oriented programming and experienced in backend and API management. Experience implementing AI with applications including Azure AI and semantic kernel, Ollama and ctransformers.

**Skills Summary**

* Languages: JavaScript, TypeScript, Java, Python, SQL, C#
* Frameworks/Libraries: AI Frameworks, React, React Native, Next.js, Node.js, FastAPI, Bootstrap, MUI
* Tools: GitHub, Bitbucket, Azure DevOps, SwaggerHub, Electron, Figma
* Others: REST APIs, Semantic Kernel, Power Platform, AI/ML Tools

**Education**

**California State University, Fullerton 08/2015 - 05/2017**

Bachelor’s Degree - Advertising

**Arizona State University 03/2020 - 09/2020**

Certification - Full Stack Development

**Experience**

**Neudesic - Software Developer 03/08/2021 - 03/20/2025**

Worked as a consultant across multiple client projects in industries including government, hospitality, healthcare, and enterprise software. Contributed to both frontend and full-stack development efforts in Agile environments, often joining active projects midstream and delivering high-impact features on short timelines.

**State Agency Modernization – Full-Stack Feature Development**

* Delivered new features for a public sector modernization project using React, TypeScript, GraphQL, and Node.js.
* Contributed to the development and maintenance of both front-end and backend-for-frontend (BFF) applications, leveraging React, TypeScript, and GraphQL to create dynamic, data-driven user experiences.
* Designed and implemented RESTful APIs with Node.js and integrated new services with existing infrastructure.
* Integrated new services with legacy infrastructure and translated Figma wireframes into user-friendly, responsive interfaces.Translated Figma wireframes into responsive, user-friendly interfaces.
* Assisted in launching and monitoring a modernized application to production.

**Enterprise Lodging Platform – Web Modernization**

* Developed and maintained front-end features for property and rate pages using React, Redux, and TypeScript.
* Act as primary resource for production support.
* Follow Figma design specifications for consistency between components and pixel perfect implementations.
* Ensured compliance with ADA accessibility standards, implemented feature flags, and integrated with a custom CMS.

**Pharmacy System – Legacy Interface Support**

* Ramped up quickly on a Visual Basic .NET codebase using VPN and virtual machine environments.
* Assisted with legacy app debugging, development environment setup, and interface enhancements.

**Digital Identity Platform – Auth & Accessibility Improvements**

* Built secure sign-in and session management flows using Auth0, Next.js, Node.js, and React.
* Keep API documentation updated with Swagger Hub.
* Implemented accessibility protocols with Axe DevTools, and styled UI components with MUI.
* Wrote unit tests with Jest, achieving and maintaining >98% test coverage.

**Mobile App Development – Casino & Gaming**

* Developed a React Native app for Android and iOS that enabled digital account funding and machine integration.
* Used Azure DevOps for task management and MS AppCenter for multi-environment releases.
* Test feature development with android studio and Xcode emulators.
* Integrate APIs from and collaborate with 3rd party vendors.
* Responsible for service now tickets and production incident resolutions.
* Deploy production version of mobile apps to apple app store and google play store.

**Clear Capital 09/01/2019 to 03/07/2021**

* Work with brokers to troubleshoot any issues, ensuring that a quality product is delivered to customers.
* Collaborate with a small team to handle the most volume in the department, with the highest production quota.
* Provide assistance to several departments within the company to resolve any pressing concerns.

**Personal Projects**

**Local Model AI Chat Application**

HIPAA-compliant desktop chat app that runs a local AI model for secure, on-device file analysis and report generation.

* Develop the frontend using HTML and Javascript, and serve it as well as send API requests with electron.
* Created FastAPI backend with Uvicorn for managing sessions and prompts.
* Implement Uvicorn as FastAPI’s runtime.
* Integrated ctransformers with compressed .gguf models for local inference

**Certifications**

* AZ-204: Developing Solutions for Microsoft Azure
* Microsoft Certified: Azure Fundamentals
* PL-400: Microsoft Power Platform Developer Associate certification