

# Benjamin Roscoe Snow

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## SKILLS

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### Frontend

- React, Redux, Vue, TypeScript, JavaScript, HTML5/CSS3, LESS
- Mobile Development: React Native, Expo
- UI Libraries: Mantine UI, Ant Design, Material UI
- Build Tools: Vite, Webpack, Babel
- Testing: Jest, Vitest, React Testing Library
- Localization: i18n/Internationalization
- Micro-Frontend Architecture, Responsive and Semantic Web Design

### Backend

- .NET Core, C#, C++, Node.js, Express
- RESTful API Development
- Azure Entra ID, Authentication & Authorization
- Microservice Architecture

### DevOps & Tools

- Azure DevOps, GitHub, GitHub Actions, CI/CD Pipelines
- Docker, Nginx
- Git, Visual Studio, VS Code
- Electron

## EXPERIENCE

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### Prometric — Software Engineer | Apr 2019 - Present

- Developed and maintained Electron desktop applications for secure exam delivery in test centers and third-party client integrations with Prometric APIs
- Built responsive user interfaces using Vue.js and React for desktop and web-based exam administration platforms
- Designed and implemented RESTful APIs using .NET Core and Express frameworks for backend services
- Led migration of 18 APIs/services from Okta to Azure Entra ID (formerly Azure AD) for enterprise authentication and authorization
- Architected micro-frontend solutions for centralized web applications, improving modularity and team scalability
- Configured and maintained CI/CD pipelines in Azure DevOps for automated builds, testing, and deployments
- Implemented state management solutions using Redux for complex application data flows
- Styled applications using CSS, LESS, and modern CSS preprocessors
- Configured build tools including Webpack and Vite to optimize bundle sizes and build performance

## EDUCATION

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### Full Sail University | Winter Park, Florida | September 2013 – May 2016

Bachelor of Science in Game Design

### Black River Technical College | Pocahontas, Arkansas | August 2012 – May 2013

General Education