

KYLE DOOLEY

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[GitHub](#) • [LinkedIn](#)

SOFTWARE ENGINEER

Air Force veteran and emerging software engineer with a passion for building modern web applications that solve real business problems. A degree in Database Management and in Software Development, I bring both academic excellence and practical experience in full-stack development. I specialize in React.js, TypeScript, and .NET technologies, with a strong foundation in database design and cloud infrastructure. Currently completing my Software Development degree while working as a Software Engineer Intern at InPower, where I've already contributed to securing company funding and improving team efficiency by 25%. I'm excited to bring my combination of military discipline, technical skills, and eagerness to learn to a team building enterprise-scale applications.

CORE COMPETENCIES

Software Development: Full-Stack Development, Front-End Engineering, Server-Side Applications, Object-Oriented Design

Modern Web Technologies: React.js, Angular, TypeScript, Responsive Design, Single Page Applications

Backend & Infrastructure: .NET Core, REST APIs, Microservices, Database Design, Cloud Computing

Development Practices: Agile/Scrum Methodologies, CI/CD Pipelines, Automated Testing, Code Quality

PROFESSIONAL SKILLS

Languages: JavaScript (ES6+), TypeScript, C#, Python, Java, SQL, HTML5, CSS3

Frontend: React.js, Angular, Bootstrap, SCSS, Flexbox, Grid Layout, Responsive Design

Backend Frameworks: .NET Core, Node.js, ASP.NET

API Technologies: REST, JSON, HTTP/HTTPS protocols

Databases:

- SQL: PostgreSQL, SQL Server, MySQL
- NoSQL: MongoDB

Cloud & DevOps:

- Platforms: AWS (EC2, S3, Lambda), Azure
- CI/CD: Azure DevOps, GitHub Actions
- Containers: Docker, Kubernetes
- Infrastructure: Linux (Ubuntu/Debian), Virtual Machines

Development Tools: Visual Studio Code, Git, GitHub, npm, Webpack, Docker, IntelliJ IDEA

Testing & Quality: Automated Testing, Unit Testing, Integration Testing, Quality Assurance

Methodologies: Agile Development, Scrum, Waterfall, Test-Driven Development (TDD)

Soft Skills:

Strong communication and mentorship abilities, with experience leading knowledge-sharing sessions and technical presentations. Natural problem-solver with critical thinking skills honed through military service and technical education. Collaborative team player who actively listens and adapts to diverse working styles. Committed to continuous learning and professional development.

PROFESSIONAL EXPERIENCE

Software Engineer

InPower, Vancouver, BC | January 2025 - July 2025, Full-time

Developing business applications using modern web technologies while implementing best practices for collaborative software development. Contributing to a platform that secured company funding through quality code and strategic feature development.

Platform Development

Built key features using React.js and TypeScript with object-oriented design principles, contributing to application that secured full platform funding. Implemented responsive UI components with modern CSS frameworks ensuring cross-browser compatibility and accessibility standards.

Team Efficiency & Collaboration

Applied agile methodologies and continuous integration practices, improving team delivery efficiency by 25%. Participated in daily standups, sprint planning, and code reviews while maintaining high code quality standards.

Knowledge Transfer & Mentorship

Conducted technical outreach and knowledge-sharing sessions that reduced onboarding time for new developers by 50%. Created documentation for complex features and established best practices for React component architecture.

Environment: React.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Git, GitHub, Agile/Scrum, CI/CD, Visual Studio Code

Cloud & Software Engineer

SoundSave Mobile App, Remote | March 2024 - June 2024

Architected full-stack solution for mobile application with focus on cloud infrastructure and deployment automation. Implemented SDLC best practices while managing Linux virtual machines and development environments.

- Designed and deployed cloud infrastructure on AWS with strategic planning for scalability
- Implemented automated deployment pipelines using CI/CD best practices
- Configured Linux virtual machines for development and testing environments
- Applied mentorship principles while collaborating with distributed team members
- Conducted feasibility studies and vendor relationship management for third-party integrations

Environment: AWS, Linux (Ubuntu), Virtual Machines, CI/CD, Git, Docker, Automated Testing

Full-Stack Engineer

QuestAuto Website, Remote | January 2024 - March 2024

Developed comprehensive business application with both frontend and backend components. Led technical design decisions while implementing modern web development practices.

- Built responsive frontend using React.js with TypeScript for type safety
- Developed RESTful API backend with proper authentication and authorization
- Created reusable code libraries and implemented automated testing frameworks
- Delivered technical presentations to stakeholders on project progress and architecture decisions
- Applied issue resolution strategies for debugging and performance optimization

Environment: React.js, TypeScript, Node.js, REST API, HTML5, CSS3, Git, Automated Testing

Personal Data Specialist

United States Air Force, Fairfield, CA | May 2006 - September 2013 (7+ years)

Managed information technology systems and personnel data for Air Force operations. Developed strong troubleshooting, communication, and leadership skills in high-pressure environments.

- Managed IT systems and databases containing sensitive personnel information with zero security incidents

- Applied strategic planning and critical thinking to optimize data management workflows
- Conducted systems analysis and technical troubleshooting for mission-critical applications
- Provided mentorship and training to junior personnel on IT systems and security protocols
- Coordinated with vendors and managed technology budgets for squadron IT infrastructure
- Created technical documentation and knowledge-sharing protocols for standardized procedures

- Demonstrated active listening and issue resolution during high-stakes operations

Environment: Windows Server, Active Directory, Database Management, Technical Documentation, Vendor Management

PROJECTS & TECHNICAL CONTRIBUTIONS

Business Application Development

Built enterprise-grade applications demonstrating full-stack capabilities and modern development practices.

- Technology Stack: React.js, Angular, TypeScript, Bootstrap, CSS3
- Architecture: Implemented object-oriented design patterns and reusable component libraries

Quality: Conducted code reviews, technical design reviews, and comprehensive testing

- Best Practices: Applied SOLID principles and maintained clean, maintainable codebases

Database Solutions & Performance

Designed and implemented database solutions with focus on performance and data integrity.

- Databases: PostgreSQL, SQL Server with complex queries and optimization
- Analysis: Conducted systems analysis and technical requirements gathering
- Tools: Implemented statistical analysis tools and automated testing for data validation
- Documentation: Created comprehensive technical documentation for database schemas

CI/CD & Automation

Established continuous integration and deployment pipelines for reliable software delivery.

- Automation: Built automated testing frameworks and deployment scripts
- Tools: GitHub Actions, Docker, Linux environments
- Quality: Implemented code quality gates and automated security scanning
- Monitoring: Set up logging and monitoring for production applications

Open Source Contributions

Active contributor to developer community through knowledge sharing and code contributions.

- Documentation: Created tutorials and guides for React.js and TypeScript best practices
- Mentorship: Participated in code reviews and provided guidance to junior developers
- Learning: Continuously exploring new technologies and frameworks

EDUCATION

- Bachelor of Applied Science - Software Development | Bellevue College | June 2025
- Vets2Tech Program - Server & Cloud Administration | Saint Martin's University | April 2023 - August

2023

- Associate of Applied Science - Database Management & Analytics | Pierce College | August 2023

CERTIFICATIONS

- AWS Cloud Practitioner (July 2023)
- IT Certificate in Server & Cloud Administration (August 2023) - Vets2Tech Program
- React.js Certification (March 2024)
- JavaScript Certification (March 2024)
- Web Apps using ASP.NET (March 2024)
- HTML & CSS Certification (March 2024)
- C# Certification
- SQL Certification (June 2022)
- IT Certificate in Business & Data Analytics (December 2022)
- IT Certificate in Application Development & Analytics (December 2022)

TECHNICAL SKILLS

Programming: JavaScript (ES6+), TypeScript, C#, Python, Java, SQL, HTML5, CSS3

Frameworks: React.js, Angular, .NET Core, Node.js, ASP.NET, Bootstrap

DevOps & Cloud: AWS, Azure, Docker, Kubernetes, GitHub Actions, Azure DevOps, Linux

Databases: PostgreSQL, SQL Server, MongoDB, MySQL

Methodologies: Agile/Scrum, Waterfall, CI/CD, Test-Driven Development (TDD)