



KEVIN TOWE

SOFTWARE DEVELOPER / PROJECT MANAGER

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SUMMARY

Confident & detail-oriented developer with 5+ years building web & mobile apps using Node.js, Angular, GCP and Firebase. Excels at problem solving and can reinvent oneself for the job at hand. Continuous learner that is passionate about open source, modern single-page-applications, distributed systems, SaaS, and microservices. Forward thinker that thrives in team environments. Key strengths: Innovation, ability to succeed under pressure, and unsurpassable work ethic.

SKILLS & CORE COMPETENCEIES

Expert: Node.js, NestJS, Angular, RxJs, NgRx, **Google Cloud Platform**, Typescript, REST APIs, NoSQL

Advanced: Redis, Distributed Systems, Cloud Development, OAuth, Micro Services, HTML5

Familiar: AWS, Azure, SQL, Python, CSS3

WORK EXPERIENCE

D&R Landscape & Irrigation, Dallas, TX

Project Manager

May 2010-September 2021

- Architected, wrote, and deployed 4 company servers along with a mobile front-end
- Collaborated effectively with 5000+ clients, ensuring customer satisfaction with final product
- Managed and trained 20+ full time employees

Nile Delivery, Dallas, TX

Software Engineer

May 2017-October 2017

- Acted as the sole programmer for an 'Uber like' service for commercial goods
- Designed and published customer and driver mobile applications using the Ionic framework
- Developed the company website/administrative portal using the Angular 2 framework
- Implemented Google Cloud functions to handle client onboarding, order handling and status, & follow up review notifications

SOFTWARE PROJECTS

Fleet Tracking Services

- Installed *Particle.io Tracker One* devices in 15 company vehicles, configured NestJS server to accept location updates from the deployed devices & stream updates to the front-end in real-time
- Conceptualized the project, determined the business requirements, scouted the tracking devices, and implemented the server and frontend
- **Tech Used:** Typescript, NestJS, Angular, Redis, WebSocket, Google Maps, App Engine

Intuit QuickBooks Synchronization

- Implemented OAuth2.0 on company servers, allowing our 3rd party app to make requests to the QuickBooks API on behalf of the company account
- Implemented a webhook to receive data change events from QuickBooks, allowing our company data to stay in sync with QuickBooks data
- **Tech Used:** OAuth2.0, Redis, NoSQL Database, Typescript, NestJS, App Engine