

# Connor Lee

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## Summary

Full Stack Software Engineer with 2+ years of experience developing complex applications with React, Node, SQL/NoSQL, REST, and team collaboration using Git version control. Driven to develop world changing software while working with passionate teams and cutting edge technologies.

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## Experience

- Star Magnolia Apartments, LLC | Software Engineer** **2020 - 2021**
- Built internal tool with intuitive React front-end to manage property leases, finances, and maintenance requests
  - Collaborated in application design/architecting and schema creation to meet client's needs and future plans
  - Reduced repeat code by writing reusable custom React hook for form handling with validation
  - Utilized bcrypt hashing to secure user data with password encryption on the backend
  - Built front and back-end REST API to register users, handle user sessions, validate forms, and more
  - Developed middleware to parse HTTP headers for JSON Web Tokens and handle authentication with private routes
  - Hosted PostgreSQL database with AWS RDS to store user and lease data and allow simple future scaling
  - Agile process with daily stand ups and weekly sprint meetings to communicate work scope and discuss blockers
- ParkSmart Urban | Software Engineer** **2019 - 2020**
- Designed and implemented MySQL database and schema to support MVC architecture and relational data
  - Researched and implemented Google Maps API with user geolocation as application's core UI
  - Created CRUD routes from back-end to display database data on Google Maps on client side
  - Built logic testing scripts using Mocha/Chai and Travis-CI to ensure application stability
- Granite Construction Company | Project Engineer II** **2016 - 2020**
- Recognized regionally as leader in technology after developing drone solutions to enhance documentation, project planning, and quantity tracking which saved a project over \$250,000 in claims
  - Managed teams of 10+ people to successfully build \$35,000,000 jobs and scopes of work over \$6,000,000
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## Projects

### **Bug Tracker** | [bugtracker-cl.com](https://github.com/connorlee16/bugtracker-cl) | [Readme](#)

Project management tool to organize and organization's projects while featuring teams, issue tickets, comments, and more

- React front-end with re-usable custom hooks/components and dynamic content per user authorization level
- NodeJS backend with Express.js server to serve data from PostgreSQL relational database
- Persistent log-in sessions with authenticated API calls using JSON web tokens and local storage
- Responsive and intuitive user interface using Bootstrap framework to support desktop and mobile experiences

### **React Form Handler NPM Package** | [npmjs.com/package/useformcl](https://www.npmjs.com/package/useformcl) | [Readme](#)

Custom React Hook to simplify React forms, handle developer defined validation, and reduce repeat code

- Locally handles state of form and returns standard React onChange and onSubmit handlers
  - Compatible with standard HTML form types and abstracts this repetitive logic from the developer
  - Returns an object of error messages if form submission fails developer defined validation
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## Education and Public Talks

**University of Washington** | Full Stack Web Development - Immersive

**University of Washington** | B.S. Civil and Environmental Engineering

**Technology in Construction** | Northwest Construction Consumer Council

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## Technical Skills

**Languages:** Javascript, Java, SQL, NoSQL, HTML, CSS

**Technologies:** React, Node, Express, Git, PostgreSQL, MySQL, MongoDB, Oauth/JWT, Mocha/Chai, Jest, Bootstrap