**Senior Software Engineer**

California, USA - RemoteApply

**Job Requisition ID #**

20WD44655

At Autodesk, we are reinventing how everything you see or touch is imagined, designed and created. In BIM 360, we are reinventing how every building, bridge, hospital, campus and stadium is built. Our web and mobile applications bring 3D collaboration solutions to the construction industry. They bring real-time predictive insights and analytics to our customers, helping them better plan, execute and mitigate risk building their multi-million dollar projects. We do this by building, implementing and applying machine learning, data science and real-time data engineering to the Big Data generated by the Autodesk ecosystem. Not only do we help push the boundaries of technology at Autodesk, we do it in style and fun. We're looking for a senior full-stack engineer to be part of our team.

Intrigued? Come join us and push code to customers on your first day.

Responsibilities:

* + Build new features, with unit tests, that can support our growing user base
  + Build scalable and complex web applications and platforms that support big data and machine learning
  + Evaluate current software architecture and implement enhancements as required
  + Help develop and maintain high quality code by pairing in a TDD process with senior
  + Build and scale automated testing infrastructure to support rapid hands-off QA
  + Cross-team collaboration and coordination to ensure reliable, secure, available and
  + Execute scalable releases to our customers
  + Own features throughout the implementation phase including writing technical specs and collaborating with product and design
  + Mentor other engineers and deeply review code

Requirements:

* + Curiosity about how things work
  + Ability to lead technical architecture discussions and help drive technical decisions
  + Ability to adopt to new and unfamiliar technologies
  + Ability to jump into situations with few guardrails and make things better
  + Ability and desire to jump in and fix things when they break
  + Extended experience with JavaScript and ReactJS
  + Extended experience with building APIs
  + Extended experience with testing tools such as Mocha, Rspec, Selenium, Storybook
  + Experience with databases such as AWS RDS, PostgreSQL, MySQL
  + Experience with CI/CD practices and tools such as AWS, Jenkins, Docker
  + BSc or MSc in Computer Science or related field
  + Self-motivated, autonomous, empathetic, and excellent communication skill

Preferred Qualifications:

* + Experience with Ruby on Rails
  + Experience with Node.js and/or Redux.js
  + Experience with data engineering and/or machine learning concepts and technologies