# Sinan Bolel
Web Systems Engineer

linkedin.com/in/sinanbolel
github.com/sbolel

## EXPERIENCE

**Senior Developer - Green Key Technologies** - (November 2016 – Present)
- Engineered VOIP app to enable calling/push-to-talk with an unlimited number of users.
- Reduced the total size of app size by 1000% from 10MB to 1MB by transpiling/bundling with Babel.
- Reduced the app load time from by 1000% from 7 sec to 700 ms by bundling, loading via CDN.
- Implemented continuous delivery of application for Windows/MacOS using CircleCI and AppVeyor.
- Deployed and supported DC/OS Mesosphere cluster on Google Compute Engine.
- Established best-practices by driving standards for syntax, pull requests, commit messages.

**Full Stack Software Engineer - Strike Social** - (July 2016 – November 2016)
- Engineered Angular 2 application for managing YouTube/Facebook campaigns via one interface.
- Implemented Firebase/WebSockets to provide optimization engine with user data in realtime.
- Interviewed and on-boarded new team of 3 developers and 2 cloud engineers.
- Drove sprint planning and retrospective meetings.

**Development Manager - Rocket Wagon** - (April 2016 – July 2016)
- Designed, developed, shipped blog engine using Node.js, Contentful for global client in 2 weeks.
- Engineered open-source library for instantiating 360-panorama viewers by including 1 HTML tag.
- Implemented Node.js static page generator to allow client to create marketing pages without engineering effort, reducing the time to take a page live in production from 1 week to 1 day.

**Consultant, One Six Solutions** - (January 2016 – April 2016)
- Developed company website with AngularJS; reduced load time by 70% from 1 second to 300ms.
- Designed and implemented open-source NodeJS module for connecting Harvest HR data with Xero.
- Drove documentation of internal processes and employee guidelines

**Co-founder, Pyro** - (2014 - 2015)
- Engineered browser-IDE for building cross-platform apps with AngularJS, Node.js, Firebase.
- Converted 60% of ~110 pre-alpha signups to alpha activations.
- Designed the front-end of Pyro Platform; implemented HTML templates and SCSS styling.
- Managed product backlog and drove sprint planning.

**Co-founder, Besso Labs** - (2014)
- Technical lead of engineering team building cross-platform apps for creative social experiences.
- Led development of 6+ cross-platform applications in JavaScript with Firebase, Ionic Framework
- Mentored new engineering interns with both full-stack development and database design.
- Started Pyro to help developers create realtime apps quickly through the browser.

**Program Manager Intern, Microsoft** - (June 2013 – September 2013)
- Responsible for ideation, development, and shipping of advertisement experiences.
- Developed specifications for a new advertising experience in outlook.com.
- Drove sprint planning and retrospective meetings in shipping new advertising experience.

## EDUCATION

**B.S. Computer Science, Northwestern University** - (2009 – 2014)
- Gained expertise in systems and interfaces
- Re-implemented TCP and UDP protocols from scratch in C++
- Engineered computer vision solution in C++ to play pong using hand as paddle with a friend
- Designed and built joystick-control prototype to enable stroke survivor to drive without accidents.