

Full stack developer with AI-NLP skills certified by IBM for NodeJS based cognitive software development. Vast experience in developing apps ranging from ~1000 to ~50,000 users and I write clean readable code in modern architectures.

Some of the recent works include:

A. Back Your Stack - OpenCollective (Global)

URL: <https://backyourstack.now.sh/>

Repo: <https://github.com/prateekroopra/backyourstack/tree/prateekroopra-feature5>

Base Repo: <https://github.com/opencollective/backyourstack>

Back Your Stack is an extension of [OpenCollective](#), which allows big organizations like **FaceBook, AirBNB, Skype etc to upload their dependency file** and see which small projects power their products (by checking it from the dependency json/yml file) and then allowing the large organizations to support the development of these small projects by donating (Vue.js, nodemon etc). For instance AirBNB might find it is using nodemon and click to donate to nodemon in one go.

Architecture: It's a MERN stack project (with NextJS).

If my code contribution accelerates the process of projects which developers around the globe depend on such as Vue.js, Nodemon, Babel, to raise their required amount and maintain themselves, then I believe there's nothing better than that.

B. IBM Developer Connect Bot

URL: <https://github.com/prateekroopra/DevBot>

This chatbot takes in users simple natural language command and performs actions on it using [IBM Watson Conversation](#). I built this application using IBM Watson Node JS SDK, trained Watson Conversation and deployed the project using Cloud Foundry:

cf push devbot

I built this on IBM Developer Connect event and was awarded **IBM Badge/Certificate**.

Link to my badge:

https://www.youracclaim.com/badges/fd24344c-d22f-468f-b07c-a4c136918d76/public_url

Architecture: Express App, Cloudant NoSQL DB.

Used IBM Watson NodeJS SDK to use Conversation and Discovery services with secure VCAP services.

C. Valley Store

This is a commercial app, thus I can't upload the repository containing the back-end REST APIs (JS) and the android development work I've done, so I've taken permission and created Github gists of an intelligent Android Native <-> JS app communication implementation that I put forward.

Product: <https://play.google.com/store/apps/details?id=valleyai.valley> (Approx 1000 users and has daily active users).

Github Gist:

<https://gist.github.com/prateekroopra/b1fc71fdb8321562d98e1a6797fab624>

Architecture: NodeJS REST APIs, Socket.io Java, Kotlin, Compose DB.

Mission: Building a scaleable botstore that has bots for United Nations Sustainable Development Goals. Bots hosted in the store are each aligned to a mission. Using NLP for language as a service.

D. MetaFact SaaS Tool

This is a commercial app and I'm not allowed to share code files. MetaFact is a SaaS tool to detect and debunk fake news and monitor the spread of claims. This tool was awarded a grant of USD 20,000 by South Korean Government (Seoul Metropolitan Government).

Architecture: MERN Stack (MongoDB, ReactJS, NodeJS). Node-Natural for Natural Language Processing (TF-IDF, Sentiment Analysis, Tokenization).

This tool is being used by 3 media house B2B clients as of now and it is growing.

Following are a set of screenshots of tool:

<https://drive.google.com/open?id=1eBQQvJngS4pKgYQCYjpmHlzoWYUx1K7s>

E. TradeCraft Advance Mission Planning Software - BOSTON, Massachusetts

URL: <http://ec2-18-219-160-200.us-east-2.compute.amazonaws.com:8080/>

Advance Mission Planning Software for Army/Navy/Airforce Personnel

Architecture: NodeJS, ExpressJS, ReactJS, Webpack Config, Babel powers the ES6.

DevOps - contained in AWS Ec2.