Nishant Jha

Full stack Software Engineer interested in the Life Sciences

US Citizen
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(540) 330-3757

EXPERIENCE

Lattice Automation — *Senior Software Engineer*

JUNE 2021 - PRESENT [Cambridge, MA/Remote]

Built webapps for synthetic biology companies like Ginkgo Bioworks. Handled requirements gathering, architecture formulation, development, testing, and deployment as well as mentoring junior software engineers.

Broad Institute of MIT and Harvard — *Software Engineer*

AUGUST 2019 - JUNE 2021 [Cambridge, MA/Remote]

Built data analysis tools on http://depmap.org/ by writing reusable `React` components that encapsulated complexity on top of a `Flask` and `Postgres` stack.

Capital One — *Data Engineer*

AUGUST 2018 - AUGUST 2019 [Richmond, VA]

PROJECTS

Cat Allergen Visualization — *Indoor Biotechnologies*

MARCH 2021 - MAY 2021 [Remote]

A web app built with `create-react-app` and `React Bootstrap` deployed on Github Pages that allows researchers to explore cat allergen CRISPR knockout data. www.nishantjha.org/feld1viz/

AllergenGuru — *Indoor Biotechnologies*

AUGUST 2018 - MARCH 2019 [Charlottesville, VA/Remote]

Wrote an Android (`Java`) and iOS (`Swift`) app with a `Flask` backend to provide scientists with information about purified allergens, and assays. Efficiently migrated codebase to `React Native` with a `Firebase` backend.

EDUCATION

University of Virginia, BA, MCS— *Computer Science*

AUGUST 2014 - MAY 2018

SKILLS

`Python, TypeScript, Flask, React, AWS/GCP/Firebase`

AWARDS

Innovation Award - won Capital One hackathon with OCR–based card recommender

PUBLICATIONS

Nature Genetics
A first-generation pediatric cancer dependency map
Virginia Journal of Bioethics
Strange Loops

BLOG

Crazy Rich Asians book review