

NANDA KISHORE KALIDINDI

WEB ENGINEER

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FRAMEWORKS



Ruby on Rails
EmberJS
PostgreSQL



React + Relay
NodeJS
MongoDB



Elasticsearch
GraphQL
Algolia



Docker
AWS (EC2, Elasticbean)
Kafka
Jenkins CI, Travis CI

COURSEWORK

- + Artificial Intelligence
- + Cloud Computing
- + Computer Graphics
- + Distributed Systems
- + Database Systems
- + Programming for Big Data
- + Neural Networks

PROGRAMMING LANGUAGES

- + Ruby
- + Javascript ...[ES5, ES6]
- + HTML, CSS
- + Python, Java, Golang
- + OpenGL/GLSL

EDUCATION

MS COMPUTER SCIENCE ▪ AUG 2016 – MAY 2018
NEW YORK UNIVERSITY, TANDON SCHOOL OF ENGINEERING | GPA: 3.72


BE COMPUTER SCIENCE ▪ AUG 2010 – MAY 2014
BITS PILANI, HYDERABAD | GPA: 7.1

EXPERIENCE


RESEARCH ASSISTANT – NYU Mechanical and Aerospace Dept

Brooklyn, NY ▪ JAN 2017 – PRESENT 
+ Frontend(focus) and API development for an e-Learning web app
+ EC2 setup, maintenance, automated deployments, code reviews etc.


VISUALIZATION INTERN – ViDA NYU lab

Brooklyn, NY ▪ MAY 2017 – SEPT 2017 
+ Frontend development for a Domain Discovery tool which provides valuable insights on Human Trafficking, Illegal sale of weapons etc.
+ Google chrome extensions to aid the tool in crawling and highlighting

SCRIPTING INTERN – REVMAX Fleet Optimization

Brooklyn, NY ▪ DEC 2016 – MAY 2017 
+ Python scripts to crawl and ingest data from various platforms
+ Cron setup for regular crawls to ingest day to day information


APPLICATION/PRODUCT DEVELOPER – Kaybus Inc

Bengaluru, INDIA ▪ JUNE 2014 – JULY 2016 
+ Backend / Client side web development along with data ingesting services that fetch relevant content from Confluence, JIRA etc.
+ Performance boosters for various huge data fetching components
+ Kaybus app recommendations inside Salesforce application

SELENIUM AUTOMATION INTERN – SABRE Corporation

Bengaluru, INDIA ▪ JULY 2013 – DEC 2013
+ Automated test suite using Selenium for some backend services
+ Tweaks to a cross environment data replication Java service

WEB DEVELOPER INTERN – NAVYUG Infosolutions

Noida, INDIA ▪ MAY 2013 – JULY 2013 
+ Online portal for users to access surveillance feed from their DVRs
+ Authentication using Devise, TDD with RSpec etc.

PROJECTS

What's New

Distributed system to present relevant info from various sources

Search Phrase Highlighter

Chrome extension to highlight multiple keywords in a webpage

Jsonified HTML

Render HTML elements / React components via JSON input

Algorithms

Ruby / Javascript implementation of various algorithms from CLRS

React Graph

Graph visualization with customizable node points that can support any valid HTML element / React Component

Solarsystem

Hierarchical system with 9 planets, 2 moons, 1 sun, skybox and various post-processing effects