PURAB SHAH

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SKILLS

Python, Django, JavaScript, React.js, Redux, Ruby on Rails, GraphQL, D3.js, Pandas, SQL, Git, HTML5, CSS3

WORK EXPERIENCE

Full Stack Engineer, *Kontrakt* **June 2019 – Present**

- Built responsive modern frontend using React/Redux within a MERN stack environment
- Designed application frontend, implementing new modern minimalist principles using Bulma to create an intuitive UI
- Built numerous reusable React components including login, navigation, dashboard and settings, resulting in simplified UX
- Integrated frontend with a Node.js and mongoDB backend

Software Engineering Associate, *App Academy* **Feb 2019 – May 2019**

- Enhanced 100+ JavaScript and full-stack projects by debugging, performing code review, and answering questions
- Mentored 75+ software developers in React/Redux, JavaScript, Rails, SQL and HTML/CSS
- Administered 50+ one-on-one simulated technical interviews to evaluate algorithms, data structures and SQL skills

EDUCATION

App Academy **Sept 2018 – Dec 2018**

Intensive, 1000+ hours full-stack web development course in JavaScript, React & Ruby on Rails

Dataquest.io (Online) **Jan 2018 – April 2018**

Concentrations: Data Analyst in Python, Data Scientist in Python

Relevant Courses: Data Structures & Algorithms, Data Analysis with Pandas, Data Visualization, APIs and Web Scraping

Rutgers University, School of Engineering (SoE) **Piscataway, NJ**

Major: Electrical and Computer Engineering *132/123 Credits Completed*

PROJECTS

Kantrello GitHub | Live

Trello inspired web app built using React/Redux, JavaScript, Ruby on Rails and PostgreSQL

- Implemented Drag & Drop of lists and cards using react-beautiful-dnd
- Optimized updating of positional data using server-side logic resulting in a reduction of AJAX calls
- Created 10+ modal box components to manipulate list & cards and their enclosed data

Stats Don't Lie GitHub | Live

Web app visualizing basketball statistics using React/Apollo, D3.js, GraphQL, Python, Django and PostgreSQL

- Automated data extraction and cleaning from basketball-reference.com using Python libraries
- Crafted reusable D3 chart components using new React Hooks
- Devised a GraphQL API that reduces extraneous stat data sent to frontend

NBA Schedule & Fatigue GitHub

Data analysis using Python & Jupyter Notebook

- Developed a Python web scraper to retrieve NBA season schedule data from basketball-reference.com
- Evaluated the success of the NBA's attempt to reduce player fatigue by measuring change in key indicators of schedule stress and creating a new statistic to identify high fatigue games