PURAB SHAH

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SKILLS

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

WORK EXPERIENCE

Ruby on Rails Developer, *Hybrid Healthcare Communications*   **Aug 2019 – Present (4 month contract)**
- Developed Rails 6 API with PostgreSQL database and S3 storage, serving as a backend to mobile and web based front ends while adhering to complex business rules
- Tested API and models using rspec, faker, and factorybot in conjunction with TDD principles
- Deployed application to production via virtual machines using Vagrant, Ansible and Capistrano

Full Stack Engineer, *Kontrakt*   **June 2019 – Present**
- Designed and responsive modern frontend using React/Redux and Bulma based UI within a MERN stack environment
- Integrated Scatter blockchain wallet to record transactions for custom tokens based on EOS smart contract protocols
- Built numerous reusable React components including login, navigation, dashboard and settings, resulting in simplified UX

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

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 cleanup using custom Python scripts and the BeautifulSoup4 library
- Crafted reusable D3 components using React Hooks to visualize various basketball statistics

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