Sangam Kaushik

Portfolio | GitHub | LinkedIn
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Relevant Projects

Uber on Slack (Ruby on Rails, PostgreSQL, Uber API, Slack API)   live | github
Collaborative project between Uber and App Academy.
- Engineered an app to request rides from Uber via Slack commands by integrating Uber API and Slack API on a rails back-end. Integrated OAuth across both APIs to authenticate users.
- Enabled menu commands in slack to check estimated price, status and cancel uber rides.
- Received 150+ likes on product-hunt and featured on Uber Developer Blog.

Space Shooter (JavaScript, HTML5 Canvas)   live | github
Arcade style shooting game written in vanilla JS
- Modularized code base with object oriented design and prototypical inheritance.
- Enhanced visual appeal by rendering 32 FPS and garbage collecting out-of-play objects.
- Generated dynamic gameplay in HTML5 canvas by utilizing vector math for state updates.

FastR Cars (React.js, Flux, Ruby on Rails, PostgreSQL, BootStrap)   live | github
An Exotic Car rental site inspired by AirBnb's design.
- Featured a RESTful, JSON, Rails API to run a single page React app, utilizing Flux architecture.
- Authenticated login with hashed password (BCrypt) to ensure high level of database security.
- Integrated Google Maps API with search filters for blanket searches to streamline ajax requests.

Technical Skills

React - Flux	JavaScript	HTML	CSS
C#	PostgreSQL	Git	BootStrap
Ruby on Rails	Heroku	TDD - RSpec	jQuery

Work Experience

Kaushik Algorithms (Freelance)   Jun 2013 - Feb 2015
- Developed algorithms in C# for modelling financial trading strategies and indicators.
- Streamlined trading decisions and order entry by automating trading strategies using C#.
- Simulated and back-tested strategies using Monte Carlo methods, diagnosing failure points across 5 years of financial data for 50+ financial instruments.

Unilever (Sales and Delivery)   Feb 2014 - Aug 2014
- Achieved an average of $50,000/mth in ice cream sales, exceeding target sales by 34%.
- Serviced over 300 stores across an area of 150+ square miles on a bi-weekly basis.

Education

Software Development   Aug 2015 - Nov 2015
App Academy, San Francisco, CA.
Immersive full-stack software development program with <5% acceptance rate.

Bachelor of Engineering - Mechanical Engineering   Sep 2009 - Apr 2014
Ryerson University, Toronto, Canada.
Specialization in Mechatronics & Minor in Finance.