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	★ RSpec	★ jQuery

Work Experience

Kaushik Algorithms (Freelance)   Jun 2013 - Feb 2015
★ Established a relationship-driven business, yielding utmost customer satisfaction and loyalty.
★ 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.