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LANGUAGES

Javascript



Ruby



Python



Go



Swift



Haskell



C/C++



FRAMEWORKS

Node



React



Rails



.NET



DATA TOOLS

PostgreSQL



Apache Spark



Hadoop



R



I'm Dev Chakraborty.

Full-stack developer. Serial entrepreneur.
Software enthusiast seeking adventure & challenge.

EDUCATION

University of Waterloo

Candidate for Honours Bachelor of Computer Science
Expected graduation 2018
cGPA 3.77/4.00

EXPERIENCE

Developer Intern @ Shopify shopify.com May '16 - Aug '16

- Aggregated engagement analytics from Facebook using Go, Python, and Hadoop
- Created a web app to connect Shopify merchants with YouTube promoters
- Improved response time for a Shopify admin panel web component by 30s
- Built a dashboard for Facebook analytics on the admin home page in Rails

Co-founder, CTO @ Edusight edusight.co Jan '14 - Sept '15 (gap year)

- Founded startup that raised \$1MM in capital and reached 400 schools worldwide
- Was a finalist for the Thiel Fellowship, Peter Thiel's fund for youth entrepreneurs
- Made major company product and technical decisions for team of 8
- Focused on API development in Go, AWS cloud infrastructure, React web app
- Built and launched iOS app to App Store with HTTP live streaming capabilities
- Implemented single sign-on flows with partners like Edmodo, Pearson, Google

Full-stack Developer @ HelpWanted Oct '13 - May '14

- Founded recruiting tech startup connecting youth with employment opportunities
- Delivered pitch at CORE 2014 Social Venture Pitch Competition and won 1st place
- Designed visual prototypes with input from students & industry HR professionals
- Built Node.js backend along with custom candidate/recruiter matching algorithm

PROJECTS

Stokr devpost.com/software/stokr

Steam plugin for playing Windows games on Macs using AWS cloud infrastructure and OpenVPN. Written in Swift. Winner at Hack the North 2015.

Sunny hoodiebots.com

"Diary" chat bot for Facebook Messenger that stores users' memories. Written in Ruby on Rails.

Glas4 devpost.com/software/glas4-6so9yw

React app that summarizes politicians' election platforms through video snippets. Uses machine learning in Python to categorize political issues (e.g. the economy).

QuickFire npmjs.com/package/quickfire

Framework that simplifies modelling and querying data in Firebase. Inspired by ActiveRecord from Ruby on Rails. Published as an NPM (Node.js) package.