Shruti Appiah

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SKILLS

Programming:
C++, Go, Javascript, Node.js, SQL, Python

Design:
QFD, Decision Matrix, Task & Fault Analysis, Usability, Controls & Display principles, DFA/DFM

Web:
HTML5/CSS3, D3, JSF, AngularJS, Bootstrap, jQuery

Systems Design:
ESB, ETL, IBM Websphere

Emerging Technologies:
IBM Watson, IBM Bluemix

Miscellaneous:
Git, Google Analytics & SEO.

EDUCATION

University of Waterloo
Systems Design Engineering, B.ASc Honours, Year 3

ACTIVITIES

Winner
Hack the North, Canada's largest hackathon

Most Insightful App
KnowUs, Context.io App Challenge

Open Source Contributor
IBM DeveloperWorks

Presenter & Contributor
IBM User Group Conference, New York

Winner
Young Entrepreneur's Competition

WORK EXPERIENCE

IBM | Cloud Software Developer
Ontario, Canada | Spring 2016

- Managed the Bluemix services dashboard used by IBM executives, and built key components.
- Crunched financial data, developed metrics, and created data visualizations for Bluemix.
- Designed and prototyped dashboard components using Go, node.js, and Angular.

Crum & Forster | Systems Integration Engineer
Greater NYC Area, USA | Summer 2015

- Performed data integration by creating data flows for business intelligence.
- Integrated and managed pub/sub flows across distributed systems and applications.
- Architectured a Java web application and redesigned its UI using key design principles.

Evertz Microsystems | Software Engineer
Ontario, Canada | Fall 2014

- Built and automated the workflow processes for On-Demand streaming media.
- Spring configured UI elements and SQL reports in client-side applications and CMS.
- Presented final product to clients with an interactive demo.

Infosys | Front-end Developer
Bangalore, India | Spring 2014

- Owned the data visualization dashboard for Infosys IT Automation Platform.
- Creatively wireframed, designed, and implemented an interactive UI.
- Spatially optimized user-customizable charts to present complex datasets.

KnowUs | Co-Founder, Product & Strategy
Greater NYC Area, USA | Present

- Envisioned product implementation strategy. Managed project, team, and timelines.
- Created User Flows, Product Requirements/Feature document, and data flow diagrams.
- Designed and developed the front-end and product interface. Managed web content.
- Digitally marketed and brought in 200+ visitors to our website within 2 weeks.

PROJECTS

WatsonMarket
Product Person

- Planned features, developed value proposition. Designed iOS UI. Marketed product, brought in $43k+ in IBM Watson crowd-funding.

KnowUs
Co-founder
knowus.io

- A personal assistant that analyses conversations to identify underlying tones, and gains personality insights. HR and Fintech.
- Tech: IBM Watson | D3 | Python | Natural Language Processing

Integrate
Systems Designer
IBM DevWorks

- A light-weight and adaptable system-architecture workflow for integrating applications, managing data transformations.
- Presented project at IBM Annual User Group Conference, NYC.

RELEVANT COURSES

Human Factors in Design | Engineering Design | Design, Systems & Society | Graphics Lab
Microeconomics | Statistics | Business, Entrepreneurship & Tech | Organizational Management
Data Structures & Algorithms | Digital Systems | Linear Systems & Signals | Systems Models