

ANSHUL JAIN

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WORK EXPERIENCE

Amazon.com Services Inc.

Seattle, WA

Software Development Engineer I, Self Service Performance Advertising

Jan 2018 - Present

» Amazon Brand Stores - Frontend

- Worked with fellow developers, PM and UX designers to launch Deals Widget and Text Over Image Widget on Brand Stores.
- Improved debugging capability and reliability of rendering stack by adding new performance and operational metrics.

» Amazon Brand Stores - Customer Engagement and Traffic

- Added canonical URLs and implemented Sitemap generation for all Brand Store pages to help improve SEO rankings.
- Developed services to vend personalized content on Amazon US homepage based on customer's preference of brands.
- Architected and implemented platform to represent brands as followable entities for programs across Amazon.

» Volunteer Work

- Application security certifier and consultant.
- Training Assistant for new hire SDE Builder Tool training.

Amazon Corporate LLC

Seattle, WA

Software Development Engineer Intern, Kindle Reader Engineering

May 2017 - July 2017

» Kindle for iOS - Out of Book Experience

- Delivered Book in the Bottom Bar UI component as part of revamped Kindle iOS application.
- Added new dark theme and integrated controls to switch between light and dark theme in the Kindle iOS application.
- Facilitated team members with utility applications for generation of controllers and views by interpretation of input JSON.

Persistent Systems Limited

Pune, MH, India

Software Engineer, Network Performance Business Unit

Aug 2014 - May 2016

» IBM Tivoli Netcool Performance Manager - Operational & Engineering Dashboards (TNPM-OED)

- Designed and developed a Dojo10 based JavaScript framework and JSON interpreter in Scala and J2EE, for rendering user defined dynamic dashboards on the web interface of network monitoring product.
- Incorporated a template based dynamic SQL Query parser and generator to fetch data from multiple databases.

TECHNICAL SKILLS

C, C++, Qt, Objective-C, Swift, Java, Scala, Spring, Hibernate, Python, C#, Scheme-Racket, Haskell, SQL, JavaScript, HTML5, CSS, React, NodeJS, AngularJS, JQuery, AWS Technologies (S3, DynamoDB, SQS, SNS, Kinesis, Lambda, RDS, Step Functions)

EDUCATION

Indiana University

School of Informatics and Computing

Master's in Computer Science

Bloomington, IN

Aug 2016 - Dec 2017

GPA 3.80/4.00

Ujjain Engineering College

Autonomous Institute, Affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya

Bachelor of Engineering in Computer Science & Engineering

Ujjain, MP, India

Aug 2010 - Jun 2014

GPA 3.51/4.00

ACADEMIC PROJECTS

Racket Compiler :

Sept 2017 - Dec 2017

- Wrote a compiler in Racket (Scheme) which translates a subset of Racket language to Intel x86 assembly language.
- Identified and systematized several compiler passes, where each pass operates over the output of previous pass and takes it further close to assembly language, optimizing and simplifying input program in the process.

Embedded OS Development in Xinu :

Sept 2016 - Dec 2016

- Created system calls and modified OS at different level of abstractions such as synchronization, threads, schedulers, memory management, file system, device drivers and network handlers.
- Adapted OS to run it on QEMU and BeagleBone Black.

UPnP Based Home Automation :

Feb 2014 - May 2014

- Universal Plug and Play (UPnP) based Device Controller System for Home Automation.
- Implemented Java and Python modules for interaction of electronic devices with Raspberry Pi connected to the internet.
- Designed and Developed Windows Phone 8 application for controlling devices at home.

AWARDS

- Received appreciation award in Amazon for quality performance in Q2 2018 and Q3 2018.
 - Star Performer Award for Q4 2014 and Q1 2015 in Persistent Systems Limited.
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