

ABHAY SIBAL

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SKILL SET	LANGUAGES	C++11, Java, Python, SpringMVC
	DATABASES	Relational (MySQL), NoSQL Datadog, AWS Dynamodb, JIRA ATG-Dynamo, ATG Commerce, WildFly (formerly JBoss) Application Server Microsoft Visual Studio, IntelliJ, XCode
COURSES	Data Structures, Algorithms, Discrete Mathematics, Computer Graphics, Database Management, Compiler Design, Computer Systems Organization, Computer Networks Architecture, Advanced Computer Architecture, Artificial Intelligence and Expert Systems	

EDUCATION

JUNE 2015	Bachelor of Engineering, Computer Engineering, Netaji Subhas Institute of Technology , New Delhi	GPA: 3.76 / 4.00
MAY 2011	All India Senior Secondary School Examination (C.B.S.E), Delhi Public School, Dwarka , New Delhi	90.4%
MAY 2009	All India Secondary School Examination (C.B.S.E), Delhi Public School, Dwarka , New Delhi	90.6%

WORK EXPERIENCE

[ADOBE SYSTEMS, Noida](#)

JANUARY 2019 - PRESENT

Computer Scientist, Adobe InDesign

- Adobe Indesign is a C++ based Print and Publishing software, that is used extensively for making brochures, magazines and newspapers. It is the global leader in Publishing Industry. I've been responsible for the full stack development of features in Adobe InDesign.
- Presently working on architecting and developing a suite of services under the Creative Cloud Enterprise Automation Project using InDesign Server in the backend. This suite of multi-tenant services will be used by third-party developers and Enterprises such as Dropbox, Box and Adobe AEM DDAM etc. for automating their workflows such as showing precise renditions of InDesign Documents, Data Merge and other Content Processing Workflows.
- Involved with all major stakeholders of the team in major phases of the project from requirements gathering, API spec design, implementation and DevOps and client-requirement brainstorming.
- Predominantly used AWS managed services such as API Gateway, S3, EC2, SQS, Dynamodb, Splunk and Datadog for infrastructure setup and monitoring. Used Spring boot, NComm and native C++ binaries for business logic implementation.
- Certified Platform Champion from my team for Adobe's own platform for micro-service development and deployment (Ethos). Responsible for evangelizing the platform among the team, and providing developer guidance during service-outage events.

[ADOBE SYSTEMS, Noida](#)

APRIL 2016 - DECEMBER 2018

Senior Member of Technical Staff, Adobe Indesign

- Worked on InDesign's core text Engine and single-handedly led the effort for a very successful feature "Paragraph Borders" that was also subsequently filed as patent by Adobe. (Internal Patent Number: ADOUS-7263). Led all phases of development of the feature from early specs to release.
- Worked on the core licensing stack as part of Next Generation Licensing Effort (Security Charter). Developed client side logic and contributed to the Adobe Licensing Backend that was built on a foundation of asynchronous programming constructs in C++ and JAVA.
- Worked on bringing InDesign binary file format to a more sophisticated Cloud Aware Format (CAF) known as DCX - Digital Composites Technology that would enable Live-Sync and Edit of InDesign document across multiple machines simultaneously.

[@WALMARTLABS, Bangalore](#)

AUGUST 2015 - APRIL 2016

Software Developer

- Was part of the Cart and checkout operations team (CXO) at [Sam's Club](#) (Ecommerce unit of whole-sale giant [Sam's club](#) - A Walmart Enterprise).
- Actively contributed by designing ATG backend based REST-ful services for cart and checkout operations, that could be called for performing updating and deleting items from a user-cart.
- All of the business-logic was built using Walmart's own Spring based microservice development framework Pangaea.

AWARDS AND ACHIEVEMENTS

OCT 2013	Participated in on-site regional competition in ACM-ICPC Amritapuri 2013 , where my team sigseguv_29871 received an honorable mention out of 370+ teams.
2012-2015	Awarded merit scholarship for distinction in academics for 4 consecutive years during B.E. at NSIT.
MAY 2011	Secured All India Rank 1899 in All India Engineering Entrance Exam (AIEEE) amongst a million candidates.
MAY 2011	Secured All India Rank 3889 in Indian Institute of Technology - Joint Entrance Exam (IIT-JEE) amongst half a million candidates.
JAN 2011	Awarded the prestigious Kishore Vaigyanik Protsahna Yojana (KVPY) Scholarship in SB+2 stream, a national fellowship for students interested in Science by Department of Science and Technology, Govt. of India.
JAN 2010	Awarded Merit certificate for scoring 85 percent or above for 7 consecutive years in school.

EXTRA-CURRICULAR ACTIVITIES

Received an honorable mention and stood 3rd at the @Walmart Datathon 2015 from amongst 45+ teams.

Actively take part in online courses related to Machine Learning and Distributed Systems.

Held the position of Research and Technical Coordinator, ACM-NSIT during sophomore, junior and senior years.

MISCELLANEOUS

ONLINE COURSERA COURSES

Machine Learning	Stanford University	93.7%
Neural Networks and Deep Learning	deeplearning.ai	95.7%
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization	deeplearning.ai	91.0%
Model Thinking	University of Michigan	84.9%
Using Python to Access Web Data	University of Michigan	100.0%
How Google does Machine Learning	Google Cloud	94.3%

Enjoy reading programming subreddits on Reddit, Stackoverflow and Hacker News.