

Aditya Jadhav

<https://adityajadhav.com>
adityajadhav.dev@gmail.com | xxx.xxx.xxxx

EDUCATION

ILLINOIS INSTITUTE OF TECHNOLOGY

MASTERS IN COMPUTER SCIENCE
August 2016 - May 2018
Chicago, IL

SHIVAJI UNIVERSITY

BE IN INFORMATION TECHNOLOGY
July 2008 - May 2012
India

LINKS

LinkedIn:// [adityajadhav](#)
Github:// [adityajadhav](#)
Devpost:// [adityajadhav](#)

PUBLICATION

A. Jadhav, M Kukreja, Parallel Data Mining and Assurance Service Model using Hadoop in Cloud

SKILLS

PROGRAMMING

Java • Scala • Node.js • JavaScript
Akka • Spring Boot • Android
Express • MongoDB • MySQL
TypeScript • Angular • Shell
Hadoop • Spark • React • Python

TECHNOLOGIES & TOOLS

AWS • AzureDevOps • Sbt
Linux • Agile/Scrum • Jira
Maven • Gradle • Docker
Jenkins • Git

EXPERIENCE

CATERPILLAR INC | SENIOR SOFTWARE ENGINEER

Sept 2019 – Present | Chicago, IL

- Develop new algorithms, features for efficient processing of real-time data for alerts and notifications software and tools.
- Design and develop distributed software systems that incorporate real-time and streaming data using Java, Scala, Akka-Stream, Kinesis and Akka-Http.

HERE TECHNOLOGIES | SOFTWARE ENGINEER II

July 2018 – Sept 2019 | Chicago, IL

- Worked as a Research Software Engineer in the Traffic team, submitted 5 patent applications.
- Designed and Implemented a new streaming path-based map-matching algorithm. It improves the current one by 5% in precision.
- Designed and implemented three new products for Traffic using Java, Scala and Node.js, all in production implementation queue.

RSNA | SOFTWARE DEVELOPMENT INTERN

July 2017 – Dec 2017 | Chicago, IL

- Employed scrum to design and implement features from database integration to user interface using Node.js, Typescript, Aurelia, Socket.IO and MongoDB.
- Wrote dockerfile to automate the initial setup of configuring development dependencies saving 3-4 hrs of time.

DIGITATE - TATA CONSULTANCY SERVICES | SYSTEMS ENGINEER

March 2013 - July 2016 | Pune, India

- Designed, implemented & tested a web-based IDE with auto-complete, code templates using Java, Spring-boot, AngularJS and MongoDB.
- Developed software architecture for significant portions of Billing Engine using Java, Spring, Hibernate, PostgreSQL and ExtJS.
- Developed Java Web-services (SOAP, REST API) to cater the client facing web pages.

AWARDS

2018	1st/600	Best Travel Hack, HackIllinois, UIUC, for TravelPro
2017	1st/300	Best Use of AWS, WildHacks, Northwestern University
2017	1st/500	Best Financial Hack, BoilerMake, Purdue University, for WishWad

PROJECTS

HERE TRAFFIC INNOVATION

5 Patent pending new Traffic products. Java/Scala backend plus JavaScript clients.

CLUSTERING RESEARCH

Comparative analysis of four clustering algorithms namely K-means, DBScan and internal algorithms on different datasets. Used Java, Python.

TRAVELPRO

Elevates the travel experience by providing personalized recommendations utilizing credit history. Used Google Maps, Firebase and Node.js.

DAILY LINUX COMMANDS

An android application, to learn basic Linux commands. Live on Google Play Store with 150+ thousand downloads. <http://bit.ly/DailyLinuxCommands>.