AKSHAY JAIN

Los Angeles, CA

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EDUCATION

University of Southern California, Los Angeles   *May 2021 (expected)*

Master of Science in Computer Science   **GPA 3.6/4**

Coursework: Algorithms, Artificial Intelligence, Operating Systems, Applied NLP, Web Technologies, Software Engineering

D.J. Sanghvi College of Engineering, Mumbai   *May 2019*

Bachelor of Engineering in Computer Engineering   **GPA 9/10**

Relevant Coursework: Algorithms, Data Structures, Distributed Databases, Machine Learning, Theoretical CS

EXPERIENCE

Amazon Web Services, Virginia

Software Development Engineer Intern   *May 2020 - August 2020*

- Built a full stack service for a learning platform used at major AWS events such as re:Invent
- Reduced manual developer workload by as much as 3 hours by allowing event specific customization of learning content through a UI built with React
- Tech stack used: Go, React and AWS services (API gateway, Lambda, DynamoDB, Cloudformation)

Bhabha Atomic Research Centre (BARC), Mumbai

Research Intern   *September 2018 - January 2019*

- Implemented fuzzy TOPSIS methodology to rank uncertainty in medical vital sign measurements to analyze threat levels
- Utilized a deep TSK fuzzy learning model to show improved performance on ambiguous medical data by limiting bias and reducing the need for preprocessing ambiguity

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SOFTWARE PROJECTS

github.com/pixelexel (For more details, open source contributions and other projects)

Stock Market Android app, github.com/pixelexel/Stockkr-Android

Built a stock market app for Android to deliver stock info, price charts, news and ability to buy/sell shares using Tiingo and NewsAPI APIs

Responsive Stock Market Web App built with Angular, stockkr.akshayx.xyz

Built a responsive stock market web app with Angular and a serverless backend using Netlify lambda functions

Blog for Meta Nutrition

- Collaborated with a team of 8 to build a blog for Meta Nutrition (our clients for a Software Engineering class)
- Prepared feasibility evidence and developed comment, like, share and admin features for the blog using Next.js

Student Analytics platform, bit.ly/studentanalyticsplatform

Smart India Hackathon 2018, Innovation Award Winners

- Helped build a student analytics platform for underprivileged public schools to identify students in need of a scholarship, tech stack used: Django and React
- Developed a tool to map differently labeled and formatted student data from multiple schools into a single Django model

Bloggr, A responsive blogging platform developed using Django, bit.ly/Bloggr

Developed a blogging platform using Django with user authentication, markdown and comment support

Twitter Sentiment Bot, bit.ly/SentimentBot

Built a Twitter bot with Node.js for sentiment analysis about a topic/person using TextBlob's Python library

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SKILLS

Programming Languages: Javascript, Typescript, Python, Java, Go, C

Frameworks, Libraries and Platforms: React, Angular, Next.js, Node.js, Django, Flask, Git, AWS services