

# ADITI MEWADA

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## EDUCATION

**Dwarkadas J. Sanghvi College of Engineering, Mumbai, India**

**July 2015 – May 2019**

*Bachelor of Engineering (BE) in Computer Engineering*

**GPA: 9.22/10**

Relevant Courses: Software Engineering, Analysis of Algorithms, Data Structures, Databases, Machine Learning

## PROFESSIONAL EXPERIENCE

**J.P. Morgan Chase – Spring Boot, ReactJS, Cloud (Kubernetes), Python, NLP**

**July 2019 – Present**

*Software Engineer II*

- Designed a system architecture for microservices by incorporating Event-Driven Architecture leveraging Axon – CORS and SAGA patterns, Kafka and Cassandra Database.
- Streamlined the Monolithic application to migrate on the Cloud by making it stateless with the help of storing sessions on Redis and Gemfire Cache servers, configuring Global Load balancers and Kubernetes clusters.
- Incorporated parameterized CICD pipelines in groovy (Jenkins) to parallelly deploy on virtual servers and Kubernetes which reduced total deployment time from 2.5 hours to 50 mins.
- Develop a centralized Symphony Bot (Chatbot) as a part of stretch project by integrating Text to Dynamic SQL Query Generator and Factoid-Based QA model which increased the accuracy of the bot's responses by 4%.

**Great Manager Institute – Angular 6, NodeJS, MongoDB, AWS**

**Sept 2018 – Dec 2018**

*MEAN Stack Developer*

- Created an Action Planning (Task Planner) and Recommendation Module to suggest relevant courses to the managers and plan action for it which included adding notes, setting up timelines, and showing overall progress for each course.
- Integrated Amazon S3 bucket and SNS services to store the generated manager's certificates and send alerts for the same.
- Improved responsiveness of the web app for easy navigation on all the devices using CSS3 and Media Queries.

**Basta - Ziksuka – Angular 2/4, Django, Machine Learning**

**Oct 2017 – Jan 2018**

*Software Engineer*

- Developed an education website by including modules like Quizzes, Student Dashboard, Recommendation of Personalized Courses, and publish results Notification/Alert by integrating Rest APIs.
- Researched and implemented Maximum Likelihood and Bayesian Parameter Estimation in Item Response Theory (IRT) for Adaptive Learning Module which increased the efficiency of algorithm by 3.5%.

## TECHNICAL SKILLS

- Programming Languages:** Java, Python, JavaScript, C, C++, Groovy, TypeScript.
- Web and Database Technologies:** Angular 2-6, ReactJS, Spring Boot, NodeJS, Rest APIs, JSON, Django, AJAX, HTML, CSS, Kubernetes, AWS, CICD dev-ops, Jenkins, SQL, MongoDB, Algorithms, Git, Android.

## PROJECTS

**Force For Good (NGO – Yuvaparivartan) - ReactJS, Sprint Boot, MySQL, D3.js**

[yuvaparivartan.org](https://yuvaparivartan.org)

- Developed a Donor Management System for an NGO to automate donation onboarding and management.
- Implemented an authentication and authorization login module by utilizing Spring Security and Java Web Tokens.
- Created Donation Dashboard and reporting module by incorporating graphical visualization using D3.js.

**Digital Treasure Hunt – OpenCV, DLIB, PHP, Django**

[github.com/aditimewada/CodingCultureHack](https://github.com/aditimewada/CodingCultureHack)

- Built a treasure hunt web game for 'Bhau Daji Lad Museum, Mumbai' bolstering the synergy between culture and technology.
- Implemented a face-swapping feature with paintings, miniatures, and statues displayed at the museum.
- Won 'Most Innovative Idea' recognition at 'Coding Culture Hackathon' with more than 100 participants.

**Budget Bot – API.ai, NLP, Python**

[github.com/aditimewada/Budget-Bot](https://github.com/aditimewada/Budget-Bot)

- Developed an NLP-based chatbot for [Moneycontrol.com](https://moneycontrol.com) Budget Hackabot Challenge to answer all the Indian Financial Budget queries and deployed it on various platforms like Facebook, Slack, Twitter using integration services for better reachability.
- Extracted and refined the entities and intents from the provided dataset for category-specific budget details.
- Qualified in top 5 teams among 50+ participated teams across Mumbai, India.

## EXTRA-CURRICULARS & ACHIEVEMENTS

- Linux Foundation Certified Kubernetes Application Developer (CKAD – ID [LF-Objwod2r42](https://www.cncf.io/certification/ckad/)).
- Secured 5<sup>th</sup> rank in Second Year (Semester third) in the computer science department of college by scoring CGPA 9.96/10.
- 2<sup>nd</sup> runner up in Inter Department Dance competition among 6 departments in my undergraduate school.
- Trained Indian Classical Dancer in Kathak and trained many children at various dance studios from last 3 years.