Narendra Kumar

Solution Architect

Becoming a story-teller through writing code and get enlightened oneday!

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WORK EXPERIENCE

Solution Architect
PrecisionAQ
08/2024 - Present

- Building smarter systems on Azure, empowering insights with AI, and driving innovation in environmental monitoring—one deployment at a time.
- Did infrastructure setup for the app on Azure with multiple environments, and also setup CI/CD pipeline for the same. Learnt new tools like Forge and Octopus.

Software Development Manager
Oracle
03/2024 - 08/2024

- Worked with a team of 5 to develop and support Oracle University applications, which provides an online tutorial/exam platform for students at colleges and universities.

Principal Engineer
Clarivate
07/2016 - 03/2024

- Development and architecture design of multiple products using RoR, Angular, Ember, Flask and postgres.
- Currently managing a team of 8 awesome folks, along with managing requirements and design. Temporarily handling scrum master role as well.
- Working on building a POC for in house reports using llm's like llama2 etc using localGPT, HuggingFace etc.

Senior Software Engineer
AB Innovative Pvt Ltd
02/2015 - 06/2016

- Twistage is a rich media application which provides customisation of all kinds of video's, image's, track's etc.
- Worked on separating out the heavy modules and use them as independent services, which resulted into creating embedr and transcoder gems for company's private use.
- Upgraded the product to Rails 4 and Ruby 2.
- Worked on another application (for Reliance Jio) which kept all the medical records through web-portal, android and ios applications.
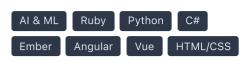
Junior Software Developer
Carmatec Inc
08/2011 - 02/2015

- MOVE (Measurement Of Outdoor Visibility And Exposure) -> This project is a web-based interactive planning tool for media buyers, advertisers and outdoor media operators.
- My role was to lead and develop this application, along with client communication and requirement gathering.

SKILLS

AI & ML | Ruby | Python | C# | Ember | Angular | Vue | HTML/CSS

PERSONAL PROJECTS

Predict time complexity of code (Thesis for MSc (AI & ML))
(06/2020 - 05/2021)

Links : Demo GitHub

Write any code(java etc) and the model tries to predict the asymptotic time complexity of the code.

Deep-fake with images
(01/2018 - 02/2018)

Demo experiment with images and deep-fake

Link : Demo

Using google collab and fastai library.

HHI(Human Human Interface)
(01/2018 - 02/2018)

Demo experiment done by me(courtesy backyard-brains)

Link : Demo

It uses Arduino board and spike recorder.

15 puzzle in Ruby

Link : GitHub

Logic is contained in ruby, while Gosu gives an interface to add animations.

EDUCATION

MSc (Artificial Intelligence and Machine Learning)
IIIT Bengaluru
12/2018 - 06/2021