

# DEEPAK PRAKASH

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## ABOUT

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DevOps and Machine Learning enthusiast with 6+ months of experience in building Deep Learning models, 4+ months experience in Blockchain development(hyperledger, solidity) and 2+ years of experience in Backend and DevOps.

## EDUCATION

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**B.Tech in Computer Science** 8.4 CGPA BCE, Bhagalpur Expected 2023

Relevant Field of Study: ML, Deep Learning, Micro-services and DevOps.

**Sr. Secondary(12th CBSE)** 77.2%, SST Tilaiya 2016 - 2018

**High School(10th CBSE)** 93.5%, SST Tilaiya 2011 - 2016

## SKILLS

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Languages	TypeScript, Python, C++, Solidity
Frameworks/Skills	AWS, DevOps, Deep Learning, Blockchain, GraphQL, Kubernetes
Languages	Hindi, English, French
Certifications	<a href="#">ML Specialization</a> , <a href="#">Deep Learning</a> , <a href="#">Blockchain</a> , <a href="#">Deep Learning using HPC</a> , <a href="#">Cloud 101</a> , <a href="#">Statistics with SAS</a>

## EXPERIENCE

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**Full Stack Developer, Co-founder** Jul 2020 - Mar 2021

Vidyayan Eduventures Pvt. Ltd.(Funded by Government of Bihar) *Bhagalpur, Bihar*

- Achieved 1K+ User Base for Vidyayan using Optimized site and simple user interface.
- Led the technical team to Develop our own Virtual Meet platform(vidyayan meet).
- Developed Backend that did Login/Register(Oauth), Dashboard, Distance Matrix using NodeJS, AWS, and Google Map API.

## PROJECTS

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**Deep Learning Chat bot** Built a neural network based chat bot using pytorch and NLTK for natural language processing. The chat bot can handle automatic orders and billing from the customers. The model is trained using small dataset but can be extended using users own personal database.

**Microservice Based Website** Built a Microservice based web-app leveraging NodeJS, Kubernetes, Postgresql, Redis and express. The app was deployed on AWS EKS platform which empowered it seamless scaling and fast operation using redis and containers to isolate the workflow

**OpenCV Chess Bot** Built a Computer Vision based bot in python, to enable chess playing on any screen without any intervention, leveraged sockets/threading connected to cloud server for more power full computation using Stockfish and handling multiple client at once.

## EXTRA-CURRICULAR ACTIVITIES

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- Avid reader, loves playing Basketball, Volleyball and Table Tennis
- Loves playing chess, sketching and playing guitar.

## LEADERSHIP

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- Technical Lead at Vidyayan Eduventures with over 1k+ users
- Coordinator Debuggerzz Coding Club (BCE Bhagalpur) with over 150+ members.