

DEEPAK PRAKASH

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ABOUT

I'm a DevOps and Machine Learning enthusiast with experience building Deep Learning models and microservices. I also have a strong interest in Blockchain technology.

EDUCATION

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) 87.2%, SST Tilaiya 2016 - 2018

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

SKILLS

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

EXPERIENCE

Back-end Developer Dec 2022 - Mar 2023
SOLVE CHAMP *Patna, Bihar*

- Successfully grew Solve Champ's user base to 1K+ by implementing an optimized app and user-friendly interface.
- developed a machine learning powered solution that recommends questions to test-takers.
- Efficiently developed a graphql backend using typescript and code first approach, with Login/Register(Oauth), Dashboard, and optimized application logic handling.

Full Stack Developer, Co-founder Jul 2020 - Mar 2021
Vidyayan Eduventures Pvt. Ltd.(Funded by Government of Bihar) *Bhagalpur, Bihar*

- Successfully grew Vidyayan's user base to over 1K through optimized website and intuitive UI design.
- Led the development of Vidyayan Meet, our own virtual meeting platform.
- Developed NodeJS backend with OAuth Login/Register, Dashboard, and Distance Matrix using AWS and Google Maps API.

PROJECTS

Deep Learning Chat bot Developed a PyTorch-based chatbot with natural language processing capabilities using NLTK. Automated customer orders and billing. Trained on a small dataset but easily extensible with user data.

Microservice Based Website Developed a scalable web app using NodeJS, Kubernetes, Postgresql, Redis and Express, implemented as a Microservice architecture. The app was deployed on AWS EKS platform, allowing for effortless scaling and efficient workflow isolation with containers and Redis.

OpenCV Chess Bot Developed a Python-based Computer Vision bot for seamless chess playing on any screen. Implemented sockets and threading, leveraging cloud servers for more powerful computations with Stockfish, and multi-client handling.

EXTRA-CURRICULAR ACTIVITIES: CHESS, SKETCHING, BASKETBALL, BLOGGING
