

DEEPAK PRAKASH

+91 7463092901 ◇ Gaya, Bihar

deepakprakashx@gmail.com ◇ github.com/7dpk ◇ dp7.me ◇ [LinkedIn](#)

ABOUT

A Backend Developer with a passion for DevOps and Machine Learning. Experienced in building microservices and Deep Learning models, I also bring a keen interest in Blockchain and Cyber Security.

EDUCATION

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

Sr. Secondary(12th CBSE) 87.2%, SST Tilaiya 2016 - 2018

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

SKILLS

Languages	Python, TypeScript, C++, Solidity, bash, Golang
Frameworks/Skills	MERN, SQL, MongoDB, AWS, GCP, Django, web3js, tensorflow, Kubernetes
Languages	Hindi, English, French
Certifications	MongoDB Associate Developer , ML Specialization , Deep Learning , Blockchain Applications , Deep Learning using HPC , Statistics with SAS

EXPERIENCE

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

- Successfully grew user base to over a thousand.
- Single-handedly developed a vector DB powered solution that recommends questions to the test-takers. I developed a GraphQL backend using TypeScript and a code-first approach, implementing microservices for authentication and dashboard functionality.

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

- Successfully expanded the user base to over two thousand users.
- Led the development of Vidyaan Meet, our proprietary virtual meeting platform.
- I developed the backend, dashboard, and Distance Matrix API for locating the nearest available tutor or student, incorporating smart caching for improved performance.

PROJECTS

OpenCV Chess Bot: OpenCV, d3dshot, tkinter 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.

PyTorch Chatbot 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.

Scalable web app: NodeJS, Kubernetes, and microservices. 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.

EXTRA-CURRICULAR ACTIVITIES

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