



# Pranshu Kumar Agrawal

AI Developer

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## INTRODUCTION

Dynamic AI developer with three years of hands-on experience in creating cutting-edge solutions. Proficient in Natural Language Processing (NLP) and adept at developing AI agents for diverse applications. Demonstrated ability to innovate and optimize algorithms, driving impactful results in complex problem-solving scenarios. Passionate about advancing AI technology to new frontiers.

## WORK EXPERIENCE

### Scale AI

March 2023 - Present

Prompt Engineer

Remote, US

🔗 <https://scale.com/>

- Spearheaded the development of a sentiment analysis tool using NLP techniques, enhancing customer feedback analysis for a retail client.
- Explored novel neural network architectures to optimize image recognition accuracy in a computer vision project, resulting in a significant performance boost.
- Contributed to a federated learning initiative, collaborating with multiple institutions to train a shared AI model without centralized data, ensuring privacy compliance while achieving collective learning goals.

### Surelead

May 2023 - Present

Founder & Developer

🔗 <https://www.surelead.xyz/>

- Founded "Surelead", an AI-services company specializing in lead generation and customer outreach, increasing client acquisition by 50%.
- Developed and executed sales strategies, utilizing products like LeadGenPro and OutreachMaster to maximize client acquisition, resulting in a 20% increase in revenue.
- Successfully managed client relationships, ensuring satisfaction and repeat business, with a 95% customer satisfaction rate.
- Proven ability to drive results while balancing this venture alongside full-time employment, achieving a 100% success rate in meeting all deadlines and deliverables.

### Dasecq

Feb 2022 - Apr 2023

Software Developer

Remote, US

🔗 <https://dasceq.com/>

- Led a team of 7 as a full-stack developer at a cutting-edge Machine Learning startup.
- Successfully developed and implemented the Minimum Viable Product (MVP) from scratch, demonstrating strong technical and project management skills.
- Secured contracts totaling close to \$1 million, highlighting the impactful role of the developed product in client acquisition.
- Oversaw the entire software development life cycle, from concept to delivery, ensuring timely and high-quality project completion.

### Deloitte

Aug 2021 - Jan 2022

SDE

Bengaluru, KA, India

- Led the team of 5 for the FedEx USA team which was a client of Deloitte.
- Integrated Oracle Cloud Infrastructure(OCI) with legacy systems of FedEx.
- Handled SQL DB having 20 Million+ rows and a dataset of 600 Million+.

## SKILLS

### Languages

Python, Javascript, HTML, CSS

### AI frameworks and libraries

OpenAI, TensorFlow, PyTorch, scikit-learn

### Cloud Computing

AWS, Microsoft Azure

### Web development frameworks

React, Next.js, Express, Django, TailwindCSS

### Git Version Control

GitHub, GitLab

### Natural Language Processing (NLP)

Sentiment Analysis, Summarization, Keyword Extraction, Text Classification

### Database technologies

MySQL, PostgreSQL, MongoDB

### Deployment tools

Docker, Kubernetes, Terraform

### AI Agents

LlamaIndex, LangChain, AgentGPT, Auto-GPT, Flowiseai

## PROJECTS

### AI Summarizer

Summarises website with just links

<https://sumz.impranshu.com>

GitHub - <https://github.com/IMPranshu/ai-website-summarizer>

ReactJS, TailwindCSS, Redux toolkit, Vite, OpenAI API

### BlockPe(Web3)

Decentralised Application to send ETH on testnet

<https://blockpe.impranshu.com>

GitHub - <https://github.com/IMPranshu/web3app>

ReactJS, TailwindCSS, Solidity, Ethereum, Blockchain, Cryptography

### T-Shirt AI

GenerativeAI Application for E-Commerce

<https://tshirt.impranshu.com>

GitHub - <https://github.com/IMPranshu/ai-threejs>

ReactJS, ThreeJS, OpenAI, API, TailwindCSS, OpenAI API, Framer Motion

### Retro Games

A ready-to-play webapp with a collection of retro games.

<https://play.pkknowsnothing.com/>

## VOLUNTEERING

### BCoin

Web3 Developer

<https://github.com/bcoin-org>

- Added unit tests for the code base. (<https://github.com/bcoin-org/bcoin/pull/1080>)
- Updated the mnemonics length code to use 256 bits. (<https://github.com/bcoin-org/bcoin/pull/1061>)
- PR that updated download link. (<https://github.com/bcoin-org/bcoin/pull/1050>)
- Added missing unit test. (<https://github.com/bcoin-org/bcoin/pull/1091>)

### Umbrel

Web3 Developer

<https://github.com/getumbrel>

- Opened issue for voting of apps. (<https://github.com/getumbrel/umbrel-apps/issues/687>)
- Multiple PRs got approved for merging based on the raised issue including FreshRSS, Seafile, etc.
- Skills Acquired: Docker, Docker-compose, Dockerfile, YAML.

### Appwrite

Software Developer

<https://github.com/appwrite/appwrite>

- Wrote multiple Java functions like "deepgramTranscribeAudio()" (<https://github.com/open-runtimes/examples/pull/140>)
- Wrote multiple Kotlin functions like "deepgramTopicDetection()" (<https://github.com/open-runtimes/examples/pull/163>)

## LANGUAGES

### English

Professional

### Hindi

Native

### Spanish

Learning