



# Abdullah Shahid Khan

Status: Available

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📍 B1403, Sai Velocity Phase 1, Bavdhan, Pune 📅 Apr 13, 1999

🌐 <https://github.com/Sh9hid>

🏠 <https://www.hackerrank.com/profile/Sh9hid>

🌐 <https://www.linkedin.com/in/sh9hid/>

## 📁 Professional Experience

Nov 2024 – present  
Pune, India

### SDR

*Sunboost*

- Over \$1m AUD in the record four months.
- 99.9 percentiler in a team of over 400.
- Top solar expert in Australia's solar industry.

May 2024 – Nov 2024

### AI and Data Science Intern

*Coding Jr* 📄

- Building LLM for code completion similar to Github co-Pilot.
- Hypertuning language models for large-scale organisations.
- Used natural-language data in a vector-store for model training.

Nov 2023 – Feb 2024  
Remote

### Prompt Engineer

*Scale AI* 📄

RLHF, Structured natural-language data, LLM optimization, LLM hyper-parameter tuning, EDA, Prompt Synthesis, Performance Analysis, Quality Analysis.

Jul 2023 – Dec 2023  
Pune, India

### SDR

*Sunboost*

Top Solar Expert in Australia's largest Solar company.

- In my first week, sold over 20K AUD, and was among the top-seller in over 300 employees.
- Solar tech and sales trainer.

Jan 2023 – Jun 2023  
Remote

### Artificial Intelligence Intern

*Xplorazzi Pvt. Ltd. (Portland, Oregon)* 📄

Contributed to building a AI-powered checkout product with best practices.

Key skills: Python, Deep Learning, Computer Vision, Artificial Intelligence, Segmentation, Classification, OCR.

- Tuned existing tiny models with our custom self-annotated dataset.
- OCR extraction, with contemporary DL papers.
- Deployed in supermarkets of Portland, Oregon with over 1m+ installs in Jan '24.

2020 – 2023  
Pune, Maharashtra

### Researcher and Instructor

*MITSOE Research Department and Datathon-Club, MITWPU*

*Key Skills: AI, Robotics, Coaching, Linguistics, Academic Writing and Storytelling. Ideation and Execution.*

- Collaborating with faculty and students of different depts.
- Contributed on a faculty's dissertation for her PhD paper in retina-infection dataset used for treatment in Sahaydri Hospital, Pune.
- Three Wheel Holonomic Drive for Warehouse Automation review paper '23.
- A\* Algorithm, path planning.
- Cost efficient (below 90% than avg)
- Time complex- 228 ms record-low path planning and traversal.

## Publications

### Autonomous Three-Wheel Holonomic Drive for Warehouse Automation

OpenCV, Python, AI, Optimization, Path Planning, Path Tracing, Automobile, Cost Management

- A\* algorithm, execution speed of 225ms per path on a local machine.
- GUI to facilitate user interaction
- Provide feedback on the path traversed.

## Education

Jun 2019 – Jun 2023  
Pune, India

### B.Tech, Computer Science and Engineering

*MITSOE, MITWPU Pune*

**CGPA: 7.06/10.00**

2019  
Kota, India

### Lal Bahadur Shastri Sr. School, Kota, Rajasthan

**CGPA: 7.2**

2015  
Ranchi, India

### DAV Public School, Hehal

**CGPA: 9.20/10.00**

2008  
Riyadh, Saudia Arabia

### International Indian School, Riyadh

**CGPA: 10.00/10.00**

## Certificates

- Neural Networks and Deep Learning Specialisation - Andrew Ng  
Stanford/DeepLearning.ai [↗](#)
- Introduction to Machine Learning - Kaggle [↗](#)
- Data Cleaning - Kaggle [↗](#)
- Computer Vision - Kaggle [↗](#)
- Javascript Algorithms and Data Structures [↗](#)
- Feature Engineering - Kaggle [↗](#)

## Skills

### Soft Skills ● ● ● ● ●

Coherence, Cadence, Fluency, Creativity and Expression, Sales, Human-psychology, etc.

### Full-Stack Web Development ● ● ● ● ●

Streamlit, Langchain, CrewAi, Stripe, NextAuth, NextJS, React, Angular, Node.js, Express.js, TypeScript, Figma, Tailwind, Shadcn, MaterialUI, Redux, Jest, Webpack, Tailwind CSS, Axios, RESTful APIs, Postgres, GraphQL, Django, FastApi, Flutter, React Native, ESLint, Prettier, Chrome DevTools, etc.

### Backend Development Skills ● ● ● ● ●

Python, Java, Javascript, PHP, Django, Flask, FastAPI, Spring Boot, SQL, MySQL, PostgreSQL, MongoDB, RESTful APIs, GraphQL, Node.js, Express.js, AWS (EC2,S3, Lambda), Azure, Google Cloud Platform, Git, Docker, Kubernetes, JWT, OAuth, SSL/TLS, Unit testing (PyTest, JUnit), Selenium, Postman integration testingJenkins, GitLab CI/CD, ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Agile Methodologies (Scrum, Kanban)

### Python Development Expertise ● ● ● ● ●

LLMs, GenAI, PyTorch, Data Science, ML/DL Papers, MLOps, Data Driven Dev, Crewai Agents, openai, Stable Diffusion Streamlit, Ollama, Langchain, Django, Flask, Selenium, Scripting, D3, Data Engineering, NumPy, Panda, Matplotlib, Scikit-learn,NLP, LLama3, TensorFlow, Keras, AWS Lambda, EC2, OpenCV, DSA, Exploratory-Data-Analysis, etc.

### DevOps and Systems Engineering ● ● ● ● ●

Linux, CI/CD Pipelines/Jenkins, Jira, Ansible, Terraform, Docker Containers, Git, Vim, Embedded-Raspberry PI, C++, CUDA, ohmyzsh, etc.

### General Understanding and Researching Skills ● ● ● ● ●

Other programming languages, history/context. Philosophy, Art, Books, Life, etc

## Projects

May 2024 – present

### Copilot for Code Completion- Planto.ai

- Building India's first LLM for code completion using large-open source models.
- Built APIs for running it as a vscode extension.
- Vectorized plain-structured data using MongoDB Atlas for model-training on custom dataset.

Jan 2023 – Jul 2023

### SKUs Nutritional Text OCR, Automated Checkout


*Key Skills: Pytorch, OpenCV, Python, Deep Learning, ML, OCR, Automation, Cutting-edge AI, ConvNext, LabellImg, HuggingFace.*

- Built and deployed ocr on SKUs for nutritional text extraction.
- Tiny hyper-trained model on embedded systems.
- Deployed in supermarkets in Portland, Oregon.

Jun 2024

### Data Driven Projects

- *Key skills: Llama3, Crewai, Openai API, Streamlit, Langchain, LLMs, PostGres, SQL, BigData, BigQuery, Supabase, Vercel, Data-cleaning, Data Manipulation, YOLO v8, model-training, OpenCV.*
- **E-commerce Warehousing:** Full-stack warehouse. Connect to any frontend with custom API routes, NextJs Admin Auth dashboard, Supabase, Prisma, Data-modelling.
- **Mask Detection, PPE Detection:** Poorly-labelled data, Image Classification,Object-detection.

- **Llama3-ChatPDF**: Streamlit deployed, RAG-Chat locally with your PDFs.  
<https://llama3-chatpdf.streamlit.app/> 
- **Youtube Content Writer Multi-Agents**: Using Llama 3.1b, Langchain.
- **HackerNews Researchers**: Scrape HackerNews (or any) data using BigQuery with a local chatbot.

2022 – 2023

### AI Autonomous Navigation System for Warehouses

*Key Skills: Python, Bot-Automation, AI, Numpy, Pandas, Data Visualization, OpenCV, Tkinter, Algorithms, Problem-solving*

- Three Wheel Holonomic Drive for Warehouse Automation Review Paper '23.
- Python GUI application that implemented the A\* algorithm for pathfinding and pathtracing, used by a bot, on warehouse data.

### 3D AR, VR, Web Applications

*Key Skills: C#, Unity, Three.js, Client Side Rendering, Unity.*

- Unity FPS Shooter Game.
- Snapchat ARKit, ARVision, etc.
- ThreeJs 3D Space App

### 2D Webapps Facebook Recap using Gsap hosted on Vercel

*Key Skills: ReactJS, NodeJS, Frontend-Development*

- Wish happy birthday, facebook recap animated old-ui style.
- A mordern full-stack webapp made using NextJs.
- A minimalistic themed modern webpage currently being deployed on vercel.

## Languages

English



Urdu



Hindi



Arabic



French



Sanskrit

