Parth Pawar

AI & ML Engineering Student | Product & Business Development
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PROFESSIONAL SUMMARY

Third-year B.Tech student in Artificial Intelligence & Machine Learning at Vijaybhoomi University, with a strong interest in machine learning, data science, and developing AI-driven solutions. Building a technical foundation through hands-on projects, Python, machine learning, and data-driven problem-solving. Alongside engineering, brings entrepreneurial experience as Co-founder of FundNexus Pvt.Ltd., with exposure to product development, business strategy, and revenue-generating D2C operations. Combines analytical thinking, technical curiosity, and business understanding to develop practical technology-driven solutions.

EXPERIENCE

D2c — Head Of Operation *Karjat, Maharashtra | Sept 2025 – Present*

- Lead end-to-end operations of a campus-focused D2C venture, managing procurement from Metro Mall, inventory, order processing, and direct-to-room delivery of everyday essentials.
- Process 100+ monthly orders and generate approximately ₹30,000 in monthly revenue, maintaining 100% order fulfilment and achieving a reported 100% improvement in operational efficiency.
- Drive customer retention through targeted promotional offers, personalised deals, and complimentary gifts, strengthening customer relationships and encouraging repeat purchases.

FundNexus Pvt.Ltd.— Co-Founder & Cmo Pune, Maharashtra | May 2025 – Present

- Led social media campaigns and coordinated a 13-member team, driving brand visibility, startup engagement, and marketing execution across the platform.
- Built and managed a database of 60+ startups and 30+ investors, supporting ecosystem research, investor outreach, and strategic matchmaking.
- Established two strategic company collaborations and contributed to event partnerships in Jaipur; currently supporting startupinvestor deal facilitation and relationship management.

AdvanceMask — Inventor & Innovation Lead *Yavatmal, Maharashtra | May 2020– Present*

- Conceptualised and developed an advanced protective mask featuring a brushless motor, filtration system, and ergonomic design to address respiratory protection challenges during COVID-19.
- Facilitated deployment in hospital settings during the pandemic, with reported evaluation results indicating 76.42% protection, contributing to patient and healthcare worker safety.
- Secured 1st-place rankings at Taluka, District, Divisional, State, and National levels; represented India at the Jigyasa 2022 International Competition, achieving 2nd place internationally.

PROJECTS

CampusFix — Hostel Complaint Management System

- Conducted user research through 27 student surveys and 3 interviews, identifying key challenges in hostel complaint management, including delayed resolutions and lack of transparency (58% of respondents received no status updates).
- Designed the system's information architecture from scratch, translating research insights into 18 proposed features, user flows, personas, and a prioritised 4-feature MVP using MoSCoW and Desirability–Feasibility–Viability analysis.
- Validated navigation through tree testing with 5 hostel students, achieving 100% task success across complaint submission, tracking, notifications, and profile editing; refined the information architecture based on usability findings.

Eeg Data Analysis — Agglomerative Hierarchial Clustering

- Implemented an Agglomerative Hierarchical Clustering algorithm entirely from scratch, applying it to the Bangalore EEG Epilepsy Dataset (BEED) to identify patterns and structure within EEG data.
- Developed the clustering workflow and used a Decision Tree surrogate model to learn and reproduce cluster assignments, achieving approximately 96–97% accuracy.
- Applied algorithmic problem-solving and machine learning techniques to explore EEG data patterns and evaluate the effectiveness of the resulting cluster-based classification approach.

Library Book Demand Prediction — Machine Learning | Predictive Analytics | Streamlit

- Developed LibraIQ, an end-to-end machine learning system that classifies university library book demand into High, Medium, and Low categories using subject, semester, historical borrowing frequency, and course relevance.
- Generated a 500-record synthetic dataset, implemented preprocessing and feature encoding, and trained and evaluated five classification algorithms: Logistic Regression, Random Forest, Decision Tree, SVM, and KNN.
- Built an interactive Streamlit dashboard featuring demand predictions, school-wise demand analytics, model performance comparisons, and confusion matrices to support data-driven library inventory decisions.

SKILLS

Programming & Data: Python, Pandas, NumPy, Data Analysis, Data Preprocessing
AI/ML: Scikit-learn, Supervised Learning, Classification, Clustering, Feature Engineering, Model Evaluation, Predictive Analytics
Development & Tools: Streamlit, Git, GitHub, Jupyter Notebook
Product & UX: User Research, Information Architecture, User Journey Mapping, Usability Testing, Product Research
Business & Leadership: Business Development, D2C Operations, Market Research, Customer Acquisition, Social Media Campaigns, Investor Relations,

EDUCATION

VijayBhoomiUniversity — B.Tech in Artificial Intelligence (through 2028)
Vsjkr , Akola,Maharashtra — Secondary School , 2024