Adam Pithenwala

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EXPERIENCE

• Omniful [🔗]   *January 2025 - Present*
Software Engineer   Gurugram
  ◦ Optimized Core Web Vitals score to 60% by refining code and static assets for performance enhancements.
  ◦ Automated content workflows for blogs, knowledge base, and careers using a CMS-driven architecture.
  ◦ Implemented a 3PL product listing platform with server-side rendering using Next.js for SEO and scalability.

• Quantplay [🔗]   *November 2023 - November 2024*
Software Engineer Internship   Remote + Bengaluru
  ◦ Created a high-performance trading platform supporting real-time execution of complex options strategies.
  ◦ Integrated Socket.IO, TanStack Query, TradingView charts, and service workers for real-time features.
  ◦ Engineered robust APIs for broker integration, improving order placement speed and efficiency by 30%.

• Brainlox | Debales.ai [🔗]   *May 2023 - August 2023*
Full Stack Developer Internship   Remote
  ◦ Built and deployed 5+ client-specific chatbots using LangChain and LLMs, increasing user engagement by 40%.
  ◦ Developed a SaaS platform enabling users to train and deploy chatbots across categories using custom data.
  ◦ Utilized AWS EC2, S3, and DynamoDB for scalable chatbot deployment and efficient user data storage.

PROJECTS

• BSE Stock Data Analyzer   *April 2023 - May 2023*
Tools: Python, Selenium, Polars, AWS Step Function, Cron Jobs
  ◦ Automated extraction and analysis of 500+ BSE stocks using Selenium, Polars, and scheduled Cron Jobs.
  ◦ Delivered actionable market insights by processing stock data through AWS Step Functions and Python scripts.

• TaskTribe: Your Habit Companion   *January 2023 - February 2023*
Tools: Ionic, React Native, React Charts, Firebase, Framer Motion, Typescript
  ◦ Engineered a social habit-tracking app that ranked in the top 3 at India's largest hackathon, Hack This Fall.
  ◦ Integrated Firebase and React Charts to track user habits and visualize insights from behavioral data.

• Stock Sentiment Analysis   *January 2023 - February 2023*
Tools: Python, NLP, Scikit-learn, NLTK, Pandas, Numpy
  ◦ Built an intelligent sentiment analysis bot for 50 Nifty stocks using daily news from Ticker Finology articles.
  ◦ Generated stock sentiment heatmaps with color codes to assist next-day trading decisions.

EDUCATION

• Madhav Institute Of Technology Science   *October 2021 - May 2025*
B.Tech in Artificial Intelligence and Data Science | CGPA: 8.1   Gwalior, India
  ◦ Served as Technical Head of CodeWar Club organized and led multiple high-impact tech events.
  ◦ Active member of LIGHT Gwalior (under GYWS, IIT Kharagpur), contributing to large-scale student initiatives.

• Gyan Sagar Academy   *August 2021*
Higher Secondary Education | 90.8%   Ujjain, India

CERTIFICATIONS AND ACHIEVEMENTS

  ◦ Completed React JS course: Built 5 projects using Redux, React Router, and Material UI. 🔗
  ◦ Achieved Top 3 Project recognition at Hack This Fall 3.0, listed on Peerlist. 🔗
  ◦ Finished Python in Practice course: Built 15 hands-on projects to master Python fundamentals. 🔗
  ◦ Participated in Hack the Mountain 3 & 4, earning multiple rewards and community recognition. 🔗
  ◦ Contributed to a Government Hackathon during IT Day Jaipur with impactful solutions. 🔗