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Satyam Mengshetti
Bachelor of Engineering

About Myself

Software engineering student with a strong foundation in building scalable, secure applications, passionate about driving innovation in tech and finance.

Education

• B.E. in Computer Engineering	PICT , Pune	CGPA: 9.91	2023-27
• JEE (Entrance Exam)	Bakliwal , Pune	97.9 %ile	2023
• HSC Education	Aditya School , Pune	81.17 %	2021-23
• Secondary Education (CBSE)	STNMS , Latur	97 %	2019-21

Experience

- **DataSherpa Software Internship** — **Feb-Mar 2025**, **Remote**

  Built and Deployed serverless web application using AWS services.
  - Integrated *Amazon Cognito User Pools* for user authentication, triggering post-signup in RDS.
  - Utilized *AWS SES* (Simple Email Service) for emails and *Razorpay API* for seamless payment processing.
  - Designed and implemented a scalable backend using *AWS Lambda, Amazon RDS*, and *Amazon S3* to handle API requests, data storage, and file management.
  - Deployment with custom domain using *AWS Amplify*.

Personal Projects

- **WallStreet** — **Jan- Feb 2025**

  Tools: React.js, Node.js, RabbitMQ PostgreSql, Redis,Websockets , Python
  - Wallstreet was a real time stock simulation event of IEEE club, with 100+ participants.
  - Lead the frontend team for event and Deployed on the official domain.
  - Implemented RabbitMQ , Bots alongside Redis for efficiency.

- **LegalBuddy** — **Mar - Apr 2025**

  Tools: Python, Streamlit, Langchain, FAISS
  - Developed a RAG application for understanding documents.
  - Implemented a FAISS vector Database and NLP with LLMs.
  - Deployed at https://glean-397438.streamlit.app

- **Digital Creature Index** — **Aug - Oct 2024**

  Tools: Gemini, Prisma, Postgre SQL, Express.js,React.js
  - Developed a full-stack web application for an internal PICT hackathon (Winner).
  - Integrated the Gemini API for external image recognition to identify and fetch detailed information from a digital creature index.
  - Created comprehensive documentation to guide users and developers, ensuring clarity and usability of the system.

Technical Skills and Interests

- **Languages**: C/C++, Python, Javascript, HTML+CSS
- **Competitive Programming:** 350+ problems across platforms, and 3-star rating on Codechef.
- **Web Dev Tools:** Nodejs, VScode, Git, Github, Docker
- **Frameworks**: ReactJs, Express JS, Flask , Django
- **Cloud/Databases**:MongoDb, Firebase, Relational Database(mySql), AWS
- **Soft Skills**: Problem Solving, Self-learning, Presentation, Adaptability.

Positions of Responsibility

- On Premise Volunteer IISER Pune — **July 2024**
- Held an SIG of 100+ students — **Oct - Nov 2024**
- Class Representative — **June 2023 -Ongoing**