SHUBHANK SAXENA

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EDUCATION

Northeastern University   Sep 2023 - Aug 2025
Master of Science in Information Systems | GPA: 3.6/4.0   Boston, MA
Courses: Machine Learning, Networking and Cloud Architecture, Data Structures &
Algorithms, UI/UX for Engineering, NLP and LLM, Agile Software Engineering

Thapar Institute of Engineering and Technology   Aug 2017 - May 2021
Bachelor of Engineering, Electronics and Communication   India

EXPERIENCE

First Rounds On Me   New York, NY
Vice President of Technology   **Sept 2025 - Present**

- Lead a cross-functional team of 4 (1 designer, 2 frontend engineers, 1 backend intern), aligning product, design, and engineering to deliver on roadmap and technical standards.
- Leading AI-powered incentives to drive the concierge service, enabling personalized recommendations and engagement across the platform.
- Led technology pivot to a social-app business model; architected and delivered a production-ready backend in 2 months to support the new product direction.
- Deployed an open-source observability stack and built custom dashboards enabling the team to monitor application performance and resolve incidents proactively.
- Designed and launched internal analytics and B2B partner dashboards, empowering partner companies to integrate with the platform and derive actionable insights from data.

Backend Engineer Intern   **May 2024 - Dec 2024**

- Led end-to-end backend rewrite of a Django-based system, improving performance, scalability, and platform efficiency.
- Built and deployed a Grafana and Prometheus monitoring stack for machine and API metrics, contributing to a 70% reduction in mean time to resolve critical issues.
- Developed an internal dashboard with natural-language query to database, enabling the marketing team to self-serve data insights.
- Designed and optimized database models and queries, reducing response times by 50% and improving data layer performance.
- Executed zero-downtime migration of 150k+ user records from legacy to new platform, ensuring data integrity and continuity for users.

Bullwhip   Remote
Backend Engineer   **June 2023 - August 2023**

- Developed an ETL pipeline that processed over 10000 media articles daily, reporting performance metric analysis including clicks and views to the marketing team.
- Engineered a language model-based (LLM) system that efficiently processed data from 10 different API endpoints, making data querying a chat away.

Wall Inc.   Bangalore (India)
Software Engineering Lead   **Nov 2022 – June 2023**

- Utilizing innovative problem-solving skills, developed on-chain data gathering and community interaction features, successfully attracting over 10,000 users in 48 hours and boosting user engagement by 30% within the first week.
- Led and collaborated with a team of 5 developers in delivering an end-to-end application, showcasing strong teamwork skills. This leadership resulted in a 20% increase in operational efficiency and a 15% reduction in time-to-market.

Software Engineer   **Jan 2022 – Nov 2022**

- Developed queryable indexers for Ethereum and Polygon, processing over 1,000,000 transactions daily, and augmented them with rich off-chain metadata
- Led the dockerization of 3 key services and apps, enhancing deployment efficiency by 40% and reducing server downtime by 50%.
- Demonstrated strategic decision-making in optimizing ETL pipelines, effectively reducing storage costs by 60% through the meticulous migration of over 3TB of legacy data to AWS S3

Lime Health Inc.   Remote
Backend Engineer (Contract)   **Nov 2021 – Jan 2022**

- Created a survey healthcare and patient (OPD) form management tool using Ruby on Rails, which made the survey process more efficient and better at handling data.

Google Summer of Code   India
Open Source Developer   **May 2021 – July 2021**

- Worked on segregation of production and development environments, thus allowing for better local development without disturbing production CI setup.
- Employed meticulous attention to detail by integrating CI checks on code quality and unit tests, ensuring robustness and reliability in software development processes.
- Exhibited cultural adaptability by adding internationalization support to accommodate users from various geographies, enhancing global accessibility and user inclusivity.
- Showcased innovation and efficiency by creating a CLI-based tool for interacting with MediaCMS API endpoints, significantly streamlining the process by enabling backend interactions without deploying the entire stack.

Indian Institute of Technology, Delhi   Delhi, India
Research Intern   **Jan 2021 – July 2021**

- Exhibited empathy and innovative thinking by creating an AI-driven inflatable jacket to assist Autistic individuals during anxiety attacks, monitoring physiological and bio-signals, and simulating a hug to provide comfort.

SKILLS

- **Languages:** C, C++, Python, JavaScript, Bash, Go
- **Frameworks:** Flask, Django, React, PyTorch, Scikit-learn, Pandas, Numpy, Terraform, Ansible
- **Software Skills:** DBMS, VSCode, CI/CD, Docker, Celery, GCP, Kubernetes, TDD, OpenTelemetry