Akshit Panapuzha

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WORK EXPERIENCE

Enveda Therapeutics   Jan 2025 – Present
Software Engineer II   Boulder, CO (Remote)

- Build full-stack features across React interfaces and Python backend services deployed via Docker and Kubernetes.
- Develop high-throughput REST APIs and ETL pipelines processing millions of records backed by PostgreSQL and Databricks (Spark / Delta).
- Optimize database queries and batch workflows, reducing API latency and processing time by 30–50%.
- Contribute to system architecture including schema evolution, API design, and scalable deployment patterns.

URunner (Startup)   Jan 2022 – Present
Co-Founder and Chief Technology Officer   Fullerton, CA

- Architected and built a mobile-first platform serving 2000+ users across 65+ countries.
- Developed backend services in .NET Core on Azure supporting authentication, payments, and real-time messaging via SignalR.
- Designed secure authentication systems (JWT + refresh tokens) and integrated Stripe payment infrastructure.
- Led infrastructure deployment, CI/CD pipelines, and backend systems supporting blockchain-based engagement features.

Enlyte – Mitchell   June 2024 – Aug 2024
Machine Learning Engineer Intern   San Diego, CA

- Built computer vision pipelines using TensorFlow and OpenCV and integrated inference services into backend systems.
- Improved model reliability and inference performance through dataset refinement and system profiling.

Novizant   Jan 2024 – Feb 2024
Software Engineer   Irvine, CA

- Built and optimized Azure Blob Storage workflows improving disk management and VM control in cloud environments.
- Automated network setup and authentication processes using Azure tools, reducing deployment time by 20%.

SkillDirector   Jul 2023 – Sep 2023
Software Engineer   Carlsbad, CA

- Designed and deployed scalable web applications supporting user workflows and data processing pipelines.
- Implemented backend APIs and frontend components enabling production-ready system deployments.

truData Solutions   Jan 2022 – May 2022
AI/ML Engineer   Carlsbad, CA

- Built an end-to-end recommendation system on Azure integrating chatbot interactions and image-based inputs.
- Developed preprocessing and feature engineering pipelines improving model stability and prediction quality.
- Collaborated with Microsoft and internal stakeholders to align ML system functionality with business needs.

SKILLS

Languages: Python, Java, C#, SQL, JavaScript/TypeScript
Frontend: React, React Native
Backend: Python APIs, .NET Core, REST API Design
Databases: PostgreSQL, Databricks (Spark / Delta), Relational Databases, Redis
Cloud & Infrastructure: Docker, Kubernetes, Azure, AWS
Other: CI/CD, Observability, ETL Pipelines, Payment Integrations, Blockchain Systems

EDUCATION

University of Colorado Boulder   Aug 2022 – May 2024
Master's in Computer Science   Boulder, CO

California State University San Marcos   Aug 2018 – May 2021
Bachelor of Science, Computer Science (Cum Laude)   San Marcos, CA