Aneesh Krishna

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EDUCATION

Purdue University   **West Lafayette, IN**
BS Computer Science   **Dec 2026**
  - **Coursework:** Computer Architecture · Systems Programming · Analysis of Algorithms
  - **Organizations**: Boiler Blockchain · Data Mine (CAT) · Purdue Cricket

EXPERIENCE

Amazon | *Systems Developer Intern*   *May 2026 – Jul 2026*
  • Incoming Summer 2026 intern at Sunnyvale, CA

Caterpillar | *Data Science Researcher*   *Aug 2025 – Dec 2025*
  • Increased CAT's paint usage efficiency by 10% by consolidating multiple production feeds into a single database
  • Minimized unplanned production downtime by 5% using a Django-based reporting tool for system anomalies
  • Lowered process evaluation time by 15% with a Power BI dashboard that visualized consumer trends

Playtoon It | *Software Developer*   *Jun 2025 – Aug 2025*
  • Optimized ECS & Netcode to lower server costs by 30% and packet loss by 25% (250+ concurrent players)
  • Cut latency spikes by 40% and player churn by 20% through event-driven architecture and object pooling
  • Reduced bandwidth by 35% by compressing serialized data and implementing delta updates

Retail Hedging | *Software Engineer*   *Mar 2025 – May 2025*
  • Secured payment reliability by implementing an Auth0–Stripe integration with RS256-signed JWTs
  • Tripled API throughput by replacing continuous client polling with a one-time token fetch pipeline

Full Send AI | *Founding Engineer*   *Aug 2024 – Aug 2025*
  • Delivered deployable AI agents to clients by packaging automated LLM workflows in modular frontends
  • Designed Full Send's production chatbot using React & Node.js, improving lead response rate by 80%

PROJECTS

Freelance DAO – *Ethereum Marketplace*
  • Designing a fault-tolerant freelance platform with a multi-signature dispute resolution system (99% uptime)
  • Reduced gas costs by 60% by benchmarking smart contracts using Hardhat testing and custom compiler tweaks

Vibe – *Social Network*
  • Scaled to 100+ concurrent users with sub-50ms latency using thread pooling and message queues (Java Sockets)
  • Improved session reliability by 75% through persistent user authentication and synchronized worker threads

Quiz Stats – *Analytics Dashboard*
  • Transformed 50+ students' raw data into AI-powered insights by engineering a high-performance analytics engine
  • Automated performance insights and difficulty analysis using dynamic visualizations (Pandas, NumPy)

SKILLS

- **Languages:** Python · TypeScript · C/C++ · Java · SQL
- **Frameworks:** Next.js · FastAPI · LangChain · PyTorch · TensorFlow
- **Tools:** Git · Docker · Kubernetes · AWS · MongoDB · Firebase · Linux