ANEESH KRISHNA

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EDUCATION

Purdue University - Honors College   Class of 2027
B.S. Computer Science & Applied Statistics   Minors: Math & Finance
- **Courses:** OOP (Java) · C/Python Programming · Computer Architecture · DSA · Blockchain · Linear Algebra · Probability
- **Organizations**: Boiler Blockchain · Purdue DOSA · Cricket and Social Outreach · Tamil Sangam Purdue

EXPERIENCE

Full Send AI Consulting | *Founding Engineer*   Jul '25 – Present
- Designed Full Send's production chatbot using APIs, React, and Node.js, improving lead response rate by 70%
- Delivered deployable AI agents to clients by packaging LLM workflows in modular frontends with automated setup flows
- Led end-to-end UI/UX revamp of company website, brand, and contact pipeline, increasing engagement time by 300%

PlaytoonIt Inc. | *Software Development Intern*   Jun – Aug '25
- Reduced bandwidth by 35% by compressing serialized data and implementing delta updates for 50+ concurrent players
- Cut latency spikes by 50% through event-driven architecture and object pooling in Unity, reducing player churn by 15%
- Scaled to 100+ concurrent players by optimizing ECS and netcode, cutting server costs by 30% and packet loss by 25%

Retail Hedging LLC | *Software Engineering Intern*   Mar – May '25
- Reduced login latency by 50% by optimizing Auth0 flows and lazy-loading components in a React platform
- Secured payment processing by implementing an Auth0-Stripe integration with RS256-signed JWTs
- Eliminated unauthorized feature access by implementing JWT-based role control, improving security by 100%
- Boosted API throughput by replacing polling with a one-time token fetch pipeline using JWT syncing

Purdue CILMAR | *Data Science Researcher*   Mar – Jun '25
- Modeled sentiment trends across 18,000+ student surveys (U.S./Japan) to track COVID's impact on education and values
- Discovered a 30% increase in intercultural learning metrics post-COVID through longitudinal statistical analysis ($p < 0.01$)
- Engineered automated data pipelines (Python/Pandas) for 18k+ survey responses, reducing preprocessing time by 60%

Caterpillar Inc. (Purdue Data Mine) | *Data Science Researcher*   Aug '24 – Present
- Increased Caterpillar's paint material usage tracking efficiency by integrating data sources into a centralized database
- Reduced time to evaluate process improvements by developing a Power BI dashboard that visualized consumer trends.
- Minimized unplanned production downtime by 25% by creating a Django-based reporting tool for system anomalies.

PROJECTS

[Freelance DAO](#) – Ethereum Platform   Fall '24
- Achieved 99% uptime by designing a fault-tolerant Ethereum freelance platform with decentralized dispute resolution
- Reduced gas costs by 50% via Hardhat-tested smart contracts and optimization checks for dispute resolution workflows

[Vibe](#) – Social Messaging App   Winter '24
- Scaled to 100+ concurrent users by architecting a Java socket-based chat system with thread pooling and prioritized message queues. Improved session reliability by integrating auth, media caching, and load-balanced worker threads

[Portfolio](#) – Personal Website   Spring '25
- Developed a professional portfolio website using Next.js, JavaScript, React, and Tailwind CSS with modular routing
- Designed a fully responsive UI to showcase projects, games, technical skills, and personal brand with impact
- Achieved 100% SEO and 90% accessibility Lighthouse scores via semantic markup and optimized asset loading

[Local Storage Stats](#) – Analytics Dashboard   Summer '25
- Transformed raw student data into real-time insights by engineering a high-performance analytics dashboard with dynamic visualizations and personalized benchmarks. Enabled performance insights, difficulty analysis, and data exports

TECHNICAL SKILLS

Languages: Python · JavaScript/TypeScript · Java · C++ · C · SQL · Go · R · Solidity · HTML/CSS
Frameworks: React · Node.js · Next.js · Django · Spring Boot · FastAPI · Express.js · GraphQL · Redux
Tools: Git · Docker · AWS/GCP/Azure · Jenkins · Firebase · Linux · MySQL · Pandas · Apache Spark · Jupyter
Specializations:
- **Machine Learning:** TensorFlow · PyTorch · Scikit-Learn · XGBoost · Hugging Face
- **Cloud & DevOPS:** CI/CD · Kubernetes · Serverless Architecture · AWS Lambda · Vercel · Terraform · Prometheus
- **Systems & Security:** Distributed Systems · OAuth2.0 · JWT · Database Design · Algorithm Optimization
- **Data & Visualization:** Matplotlib · Seaborn · Plotly · Tableau · Data Pipelines

Certifications: Endpoint Security · Ethical Hacking · Network Defense · Operating Systems · Computer Hardware **(CISCO)**