

# ANEESH KRISHNA

(551) 286-0340 | [Aneesh Krishna](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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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 · Purdue Cricket · Tamil Sangam
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## 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 100%

**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 70+ 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.
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## PROJECTS

[Freelance DAO](#) – **Ethereum Platform**

Fall 2024

- Achieved 99% uptime by designing a fault-tolerant Ethereum freelance platform with decentralized dispute resolution
- Reduced gas costs by 40% via Hardhat-tested smart contracts and optimization checks for dispute resolution workflows

[Vibe](#) – **Social Messaging App**

Winter 2024

- 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 2025

- 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 2025

- 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
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## TECHNICAL SKILLS

**Languages:** Python · Java · C · C++ · JavaScript/TypeScript · C# · SQL · Solidity · R · Bash · Go · HTML/CSS · Assembly

**Frameworks:** React · Node.js · Next.js · PyTorch · FastAPI · Express.js · GraphQL · Redux · Django · Spring Boot

**Tools:** Docker · (AWS/GCP/Azure) · Jupyter · Git · Jenkins · Firebase · Linux · MySQL · Jupyter · Pandas · Apache Spark

**Specializations:**

- **Machine Learning:** TensorFlow · Data Analysis · Statistical Modeling · Vector Databases · Hugging Face
- **Cloud & DevOPS:** CI/CD · Kubernetes · Serverless Architecture · AWS Lambda · Vercel · Terraform · Prometheus
- **Systems & Security:** Distributed Systems · OAuth2.0 · JWT · WebRTC · Database Design · Algorithm Optimization
- **Data & Visualization:** Matplotlib · Seaborn · Plotly · Chart.js · Power BI · Tableau · Data Pipelines

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