

Shereen Anand

Junior Year — PES University — Computer Science & Engineering

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Education

Bachelor of Technology in Computer Science and Engineering

PES University, Bangalore

CGPA: 3.92/4.0

Sept 2022 – Jul 2026

Technical Skills

- **Programming:** C++, Python, Rust
- **Operating Systems:** Linux, Kernel Development
- **Debugging Tools:** gdb, perf, SystemTap
- **Infrastructure:** Kubernetes, Redis, CI/CD
- **Development Practices:** GitOps, TDD, Agile

Experience

Infrastructure Performance Optimization Intern

Moo Point Capital

Summer 2024

- Resolved kernel bottlenecks, improving task completion by 30%
- Developed hardware benchmarks for resource optimization
- Automated diagnostics for robust system monitoring

Software Engineer Intern

Pegasystems

Fall 2023

- Streamlined diagnostics in distributed systems for efficiency
- Enhanced Linux monitoring utilities to ensure stability

Research Assistant

AlphaGrep

Jan 2024 – Jun 2024

- Optimized high-frequency trading server performance
- Developed Unix scripts to streamline debugging workflows

Projects

Kernel Profiling Toolkit

Jan 2024 – Mar 2024

- Built tools to debug Linux kernel performance issues
- Reduced memory allocation delays with optimized caching

System Monitoring Dashboard

Apr 2024 – Jun 2024

- Developed a real-time monitoring dashboard using Grafana
- Enabled proactive issue detection, reducing downtime by 25%

Awards & Achievements

- **ACM ICPC Regional Contest** – Top 5% of 500+ teams (2024)