Adil Shaik

im.adilshaik@gmail.com | Google Developer Profile | LinkedIn | GitHub | Portfolio

Education

University of Georgia **Aug 2023 - May 2026**
Master of Science in Computer Science (GPA: 3.68/4.00) *Georgia, USA*

CVR College of Engineering **Jul 2019 - Jun 2023**
Bachelor of Science in Information Technology (GPA: 8.38/10.00) *Telangana, India*

Technical Skills

Programming Languages: Java, C++, JavaScript, Python
Technologies: Spring Boot, React, Next.js, Docker, REST, CI/CD, Git, SQL, Microservices, Machine Learning
Databases & Cloud: MongoDB, MySQL, PostgreSQL, Amazon Web Services, Google Cloud Platform
Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms, System Design, Agile

Experience

Boehringer Ingelheim **Aug 2025 - Present**
IT Advanced AI Application Co-op *Georgia, USA*

- Ship an NFC batch-tracking app that reduces batch waste by 33% through real-time status, audit logs, and alerts.
- Build a cane-counting computer-vision system that reaches 99.15% accuracy and saves 25 hours per week.

University of Georgia **Jan 2024 - Jul 2025**
Graduate Research & Teaching Assistant *Georgia, USA*

- Reduced LLM agent cloud cost and doubled throughput using ACI (LLM+LM) with RLHF-driven tuning.
- Improved GarmentCode DSL accuracy and fabric utilization by 5% via semantics and constraint updates.
- Mentored 100+ students across Database Systems and Mobile Development; ranked top 5% TA by faculty feedback.

OpenPlay Technologies Pvt. Ltd. **Aug 2022 - Jul 2023**
Software Engineer *Telangana, India*

- Reduced PHP query latency by 67% (9 sec to 3 sec) by refactoring endpoints and optimizing indices and caching.
- Blocked 200,000+ malicious requests using CloudWatch alerts and API Gateway throttling to protect uptime.
- Lowered wallet API failure rate by 21% through retry policy, idempotency keys, and metrics-driven fixes.
- Migrated an internal tool from Angular to React to improve maintainability and development velocity.

Projects

Trace - AI Agent for VS Code | *TypeScript, Node.js, LLMs, VS Code API, LSP* **GitHub Link**

- Reduced debug cycles by autofixing backend errors through LLM-guided patches with dry-run, diff preview, and rollback.
- Increased auto-fix precision by 30% using VS Code Diagnostics/Code Actions and LSP context for symbol resolution.
- Boosted developer trust by adding human-in-the-loop approvals, raising acceptance rate of AI edits.

Provast - SaaS Web Application | *UI/UX, Next.js, Express, MongoDB, Vercel* **GitHub Link**

- Delivered 99.9% uptime for 10,000+ students, providing assessments, resume generation, and job applications.
- Shortened university placement reporting time by 50% with real-time dashboards and analytics.
- Decreased resume creation time by 70% via a standardized, template-based builder.
- Designed modular schemas and REST APIs, supporting bulk resume download features without downtime.

Leadership

Google Developer Student Clubs **Sep 2021 - Jul 2023**
Lead, CVR College of Engineering *Telangana, India*

- Conducted programming workshops for 100+ students, facilitated mentorships with industry professionals.
- Facilitated Google Cloud training for 150+ students, resulting in 135+ certifications and broader cloud-skill adoption.

Achievements

1st Place (2023): CVR Regional Hackathon - Outperformed 60+ teams in a 24-hour real-world coding challenge
Top 50 Global Finalist (2022): Google Solution Challenge - Selected from thousands of submissions