

Adil Shaik

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SUMMARY OF QUALIFICATIONS

Experienced Software Engineer & Researcher with a strong foundation in Computer Science, specializing in software development, API optimization, and data management. Led cross-functional teams of 10+, improving system efficiency by 60%. Developed AI-driven applications that enhanced user engagement by 40% in academic and industry settings.

EDUCATION

University Of Georgia, *Master of Science Computer Science* Athens, Georgia (Aug '23 – Dec '25)
Emphasis: Algorithms, Software Engineering, Database Management, Deep Learning, Networks GPA: 3.64/4.00
CVR College Of Engineering, *Bachelor of Technology Information Technology* Telangana, India (Jul '19 – Jun '23)
Emphasis: Object Oriented Design and Development, Machine Learning, Artificial Intelligence GPA: 8.38/10.00

TECHNICAL SKILLS

Programming Languages: C, Java, Python, JavaScript, TypeScript, R

Technologies & Software: Machine Learning, Neural Networks, MS Excel, JIRA

Database & Tools: MySQL, SQL Server, MongoDB, Git, Docker, Postman, AWS, Google Cloud Platform

Frameworks: Angular, React, Node.js, Express.js, Spring Boot, Scikit-learn, Pandas, Flask, PyTorch, Tensorflow

WORK EXPERIENCE

Graduate Research & Teaching Assistant, *University of Georgia* Athens, Georgia (Jan '24 – Present)

- Instructed and mentored 100+ students in **Database Management Systems** and **Mobile Software Development**, leading to a **20%** improvement in student project completion rates.
- Engineered an **AI-powered chatbot** for the **Textile Department**, automating **80%** of common inquiries and reducing response time by **50%** using **NLP, Python, and TensorFlow**.
- Enhanced a product utilizing **GarmentCode**, a novel **Domain-Specific Language (DSL)** for garment modeling, optimizing fabric utilization by **25%** and improving design accuracy.

Associate Software Engineering, *OpenPlay Technologies Pvt. Ltd.* Telangana, India (Aug '22 – Jul '23)

- Initiated the development of an internal player data management solution, automating **data gathering and analysis**, leading to a **30%** increase in player engagement and retention.
- Optimized **API optimization** initiative, reducing **mobile app load time by 60%**, enhancing user experience, and improving **search engine rankings** using efficient caching strategies and query optimizations.
- Led **CI/CD pipeline** implementation and applied **Agile/Scrum methodologies**, increasing sprint efficiency and cutting deployment time by 40%.
- Strengthened security measures by mitigating a **DDoS attack** using advanced monitoring and anomaly detection, preventing **200,000 malicious requests**.

Software Developer, *Prochal Technologies Pvt. Ltd.* Telangana, India (Dec '21 – Aug '22)

- Created **serverless** application enabling students to take assessments, track rankings, generate resumes, and apply for jobs, leveraging **Next.js, MongoDB** resulting in a **30%** increase in successful job placements.
- Implemented a real-time analytics dashboard, allowing administrators to **track student performance metrics** and optimize **placement strategies**, leading to a **25% improvement in employer-student matching**.
- Restructured **RESTful API** call methods while implementing custom **caching solutions**; this initiative facilitated an impressive increase of up to **500 concurrent users** without noticeable degradation of service quality or speed.

ACADEMIC PROJECTS

Provide, *Full Stack Development*

[GitHub Link](#)

- Developed an application facilitating **500+ interactions** between affluent and underprivileged individuals, fostering community cohesion and social impact.
- Enabled seamless distribution of **clothing, food, essential goods, and emergency services**, improving **resource accessibility by 60%**.

ACTIVITIES

Google Developer Group Lead, *Google Developer Student Club* Telangana, India (Sept '21 – Jul '23)

- Conducted a series of interactive coding workshops, leading approximately **100 students** to create real-world applications; results included five student-led initiatives showcased at local tech events.
- Facilitated **135+ developers** pursuing Google Cloud certifications, enabling a mastery of cloud technologies.

ACHIEVEMENTS

Top 50 Google Solution Challenge, *Google Developer Student Club* [\[Link\]](#)

March 2022