Aditya Sharma

adityasharma801708@gmail.com | +91 8017081605 | linkedin.com/in/aditya-sharma123 | github.com/extinctsion

CAREER SUMMARY

Software Engineer with 2+ years of experience in building scalable backend systems and performant web applications. Skilled in Python, .NET Core, PostgreSQL, OpenTelemetry, AI and microservices architecture. Strong expertise in API optimization (up to 95% performance improvements), CI/CD pipelines, and cloud deployment on AWS. Open-source contributor with leadership experience in coding interviews and hackathons

PROFESSIONAL EXPERIENCE

TAAZAA INC *FULL-TIME*   **Noida, Uttar Pradesh, India**
<u>Software Engineer</u>   **July 2023 - Present**
- Designed core backend logic using **.NET 8 core + PostgreSQL + GraphQL**, ensuring high performance and maintainability
- Reduced API response time by **95% (20s → 1s)** through optimized PostgreSQL functions and REST APIs, improving experience for **15k+ daily requests**
- Improved data processing performance by **30%** via Python-based data warehousing solutions
- Improved the web-app performance by **40%** by implementing **Microservices** architecture
- Enhanced frontend performance (**Angular**) by reducing redundant API calls, results increased by **30%**
- Optimized GraphQL APIs to reduce response time from **5s → 0.4s**, enhancing query efficiency

ELECTRONICS RADAR DEVELOPMENT ESTABLISHMENT (LRDE), DRDO   **Bengaluru, India**
<u>Summer Intern</u> *INTERNSHIP*   **June 2022 - July 2022**
- Implemented **Kalman Filter algorithm** in Python to predict trajectories and reduce radar noise
- Improved accuracy of radar data estimation for defense applications

PROJECTS

NEEDCODE.IN
- **Built** a **Gemini AI-powered** coding interview analytics platform to prepare for MAANG interviews
- Implemented AI-based coaching to give personalized recommendations, alternative solutions, and optimization suggestions

ANVESHAN
- Developed a **Criminal Case Monitoring Webapp** for the Government of Arunachal under IPS supervision
- Enabled secure tracking and supervision of ongoing cases

EDUCATION

NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY   **Arunachal Pradesh, India**
B.Tech in Computer Science and Engineering | CGPA 8.79   **July 2019 - June 2023**

TECHNICAL SKILLS

Languages: **Python, C#, JavaScript, TypeScript, Java, C++**
Frameworks & APIs: **.NET Core, Angular, React, GraphQL, REST APIs, Microservices**
AI Tools: **MCP servers, Copilot, Gemini, Claude, Googling, Grok, ChatGPT, LLMs (Large Language Models), Ollama**
Databases: **PostgreSQL, Couchbase, MongoDB, SQL, PgAdmin, DBeaver**
Cloud & DevOps: **AWS, Docker, GitHub Actions, CI/CD (Continuous Integration / Continuous Deployment), Linux, Windows, OpenTelemetry, Grafana, Prometheus, Rancher, ArgoCD, Prometheus, Docker**
Testing & Tools: **Unit Testing, Integration Testing, Postman, Jira, Git**
Methodologies: **Agile, Scrum, Design Patterns**

LEADERSHIP AND ACHIEVEMENTS

- Delivered a talk at TaazaaX on **"Leveraging Productivity using Copilot AI and MCP Servers"**
- **Published** Dev.to articles **with 4.5 k+ followers & 73k+ readers**
- **Conducted coding rounds for fresher hiring (100+ candidates)**
- **Contributed to** Hacktoberfest 2022, 2023, 2024 **open-source projects**