Amaan Pathan

+91-9910817022 | amaan21102@gmail.com | linkedin.com/in/amaan-pathan |
github.com/eulerbutcooler

EDUCATION

University of Lucknow — Lucknow, India
Bachelor of Technology in Computer Science Engineering — *2022 – 2026 (Current CGPA: 7.66)*

Green Field Public School (CBSE) — Ghaziabad, India
Intermediate (12th Grade) — *2021 (83%)*

Green Field Public School (CBSE) — Ghaziabad, India
High School (10th Grade) — *2019 (94.6%)*

EXPERIENCE

Open Source Contributor – Guidefox — Oct. 2024 – Jan. 2025
Remote

- Added schema-based input validations using Zod on both frontend and backend
- Introduced Data Transfer Objects (DTOs) for clean separation of request logic and validation
- Refactored conditional logic in React components with Zod-powered form schema validation
- Collaborated on open-source PRs as part of a modular codebase under industry-standard practices
- Merged contributions: PR #346, PR #497

PROJECTS

PRISM | *TypeScript, PostgreSQL, React, Prisma, JWT, Docker* — Dec. 2024 – Feb. 2025

- Built full-stack application for PRISM 2025, University of Lucknow
- Handled event/user registration workflows and JWT-based authentication
- Hosted backend on VPS, managed domains and certificate setup

Guidefox | *JavaScript, MochaJS, Express, Zod* — Oct. 2024 – Jan. 2025

- Refactored backend using modular design patterns
- Implemented Zod-based schema validations across the stack
- Wrote comprehensive test coverage including unit and integration tests

Maidaan | *TypeScript, PostgreSQL, Prisma, React* — Aug. 2024 – Present

- Developed front-end UI for tournament and team management
- Designed sign-in/sign-up flows on both front and back end

TECHNICAL SKILLS

Languages: C/C++, Python, JavaScript, TypeScript, SQL
Web Dev: HTML, CSS, Node.js, PostgreSQL, MongoDB, Prisma, ReactJS, GraphQL, ExpressJS, NextJS
Tools/OS: Git, Google Colab, Figma, Docker, Swagger-UI, Kubernetes, Linux, Windows
Soft Skills: Communication, Teamwork, Leadership, Time Management, Creativity

POSITIONS OF RESPONSIBILITY

Tech Team Lead – PRISM 2025 — Dec. 2024 – Feb. 2025
University of Lucknow

- Led the team that developed the official full-stack PRISM 2025 platform