

ATUL SHUKLA

Backend Developer | AI & Automation Engineer

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WORK EXPERIENCES

- Backend Developer** | Internship Dec 2025 - Mar 2026
True Growth AI Remote
- **Built RESTful APIs** powering an AI interview platform used for **500+** technical interviews, covering scheduling, candidate evaluation, and live AI-driven sessions.
 - **Engineered automated scoring algorithms** that evaluate technical competency, communication, and problem-solving with **95%** accuracy.
- Technologies / Skills Used** : RESTful APIs, AI
- AI Engineer Intern** | Internship Jul 2025 - Sep 2025
Shtudy Inc Remote
- **Built AI-driven code-generation workflows** that handled over **1,000 requests a day**, keeping deployment success at **95%** and cutting deployment time by **30%**.
 - **Designed and shipped 15+** RESTful API endpoints to support AI agent workflows, improving prompt-to-code accuracy by **40%** through targeted NLP techniques.
- Technologies / Skills Used** : AI, RESTful APIs, NLP

PROJECTS

- Grind — Online Coding Platform** | Github Website Dec 2025 - Present
Developer
- **Built a full-stack competitive programming platform** where users solve DSA problems, join contests, and run code across 8 languages through a secure online compiler.
 - **Scaled to 100+** users with **99.8%** uptime, handling **5,000+** daily API calls and **50+** code submissions.
- Technologies / Tools Used** : React, TypeScript, Node.js, PostgreSQL
- CivicSamadhan — Civic Issue Reporting App** | Github Website Apr 2026 - May 2026
Developer
- **Built a cross-platform** (iOS/Android) app for citizens to report local issues with photo and location data, with admin issue-lifecycle management and field worker assignments.
 - **Integrated Gemini AI** for automatic image verification, added a reward-points wallet system, and implemented role-based auth for 3 user types.
- Technologies / Tools Used** : React Native, TypeScript, Node.js
- TimeUp — Multi-Region Uptime Monitor** | Github Feb 2026 - Mar 2026
Developer
- Built a full-stack uptime monitoring app that tracks website availability and response times across multiple geographic regions, featuring real-time incident management and public status pages.
 - Developed a high-performance **Rust backend** using the **Poem async framework**, Diesel ORM, and Tokio background workers.
- Technologies / Tools Used** : Rust, React, PostgreSQL

SKILLS

Databases :	PostgreSQL, MongoDB, MySQL
Frameworks & Libraries :	React.js, Next.js, Node.js, Express.js, Flask, Django
Languages :	English, Hindi
Programming Languages :	JavaScript, TypeScript, Rust, C/C++, Python
Soft Skills :	Communication, Teamwork, Problem Solving, Critical Thinking
Tools & Platforms :	AWS, Docker, Kubernetes, Nginx, GitHub Actions, CI/CD, DigitalOcean, Git, Postman, Prometheus, Turborepo, PgBouncer, BullMQ, Codex, Claude

EDUCATIONS

- Prestige Institute of Engineering Management & Research (PIEMR)** | Indore, Madhya Pradesh Aug 2023 - Jul 2027
Bachelor of Engineering CGPA : 7.2

CERTIFICATIONS

- CS50x: Introduction to Computer Science** | Harvard University | Certificate Sep 2024
- Fundamentals of Machine Learning and Artificial Intelligence** | AWS Mar 2026
- Agentic AI Foundations Associate** | Oracle | Certificate Aug 2026
- Bharatiya Antariksh Hackathon 2026** | ISRO | Certificate Aug 2026

AWARDS & ACHIEVEMENTS

- Active open-source contributor, building developer tools with real-world user adoption.
- Competed in national-level hackathons including HackXcelerate, BGI Hackathon, and CODESTORM, building AI and full-stack.
- Led TrueCoding at BGI Hackathon, building SafeRoute, a women's safety system with real-time threat detection.
- Led team TrueCoding to 3rd place at the TIT Technocrats 36-hour National Hackathon (Apr 2025, Bhopal), competing against teams from across the country as team leader.