Akshat Gupta

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EDUCATION

KIET GROUP of Institutions - AKTU	Ghaziabad, Uttar Pradesh
Bachelors in Computer Science with specialization in AI (GPA: 7.8)	*Nov. 2022 – Present*
Maa Bharti International - CBSE	Kota, Rajasthan
Intermediate (Class 12th) - 85%	*May. – Mar 2022*
Maa Bharti International - CBSE	Kota, Rajasthan
Intermediate (Class 10th) - 87%	*Apr. – Mar 2020*

EXPERIENCE

VibeMonitor.ai | Full Stack Developer (FastAPI + Next.js) | Internship   Sep 2025 – Present
- Developed and optimized observability dashboards using Next.js (frontend) and FastAPI (backend), integrating OpenTelemetry traces and LGTM stack to improve system monitoring efficiency by 45%.
- Engineered secure RESTful APIs and real-time data pipelines, reducing incident resolution time by 30%.

iTax Easy | Full Stack and Server Developer | Internship   Feb 2025 – Sep
- Architected and deployed high-performance web and mobile applications using PSql, NextJS, prisma, hPanel, and Android Studio, decreasing load times by 45% and increasing user retention by 30%.
- Redesigned database architecture that accelerated query response times by 60% and reduced server costs by 30%, outperforming solutions from senior team members despite being the most junior contributor.

PrepSaarthi | Co-Founder & Technical Lead (Mentor-based Startup)   Nov. 2024 – Jul 2025
- Founded and led Prepsaarthi.com, a mentor-driven edtech startup focused on career guidance and student upskilling.
- Developed 5+ impactful features using React.js and MongoDB, and integrated secure RESTful APIs with OAuth 2.0, boosting engagement by 40% and enhancing performance outcomes by 25%.

PROJECTS

Legal E-Library | *Angular, Express.js, Prisma ORM, Node.js, PostgreSQL, CSS*   jun 2025 – Present
- Developed a comprehensive digital library platform for legal case laws, featuring advanced search capabilities and filtering that improved research efficiency by 40% for legal professionals.
- Engineered a responsive UI with Angular that provides seamless access to over 10,000 legal documents across 50+ categories, resulting in a 30% increase in user engagement.
- Implemented a RESTful API using Express.js and Prisma ORM that optimized query performance by 60%, enabling real-time filtering and pagination of complex legal data.

Cosmic-Trek (Orrery-App) | *ThreeJs, pynb, WebGl, D3Js, HTML, CSS, Javascript, Redux*   Oct 2024 – Dec 2024
- Architected an interactive 3D solar system simulator featuring 8+ high-fidelity celestial bodies and 50+ exoplanets, achieving a 60% reduction in rendering time while maintaining complex astronomical accuracy.
- Developed a physics-based satellite launch simulator with 5+ distinct orbital patterns, decreasing computation load by 30% through optimized trajectory algorithms and efficient WebGL implementation.
- Created realistic collision and gravitational simulations with 10+ custom impact effects, resulting in a 75% increase in user session duration and educational engagement as measured by site analytics.

AntiSocial | *NextJS, Emailjs, Razorpay, Particlejs, Tailwind, Node.js, Express, MongoDB*   Jun 2024 – Aug 2024
- Spearheaded development of a real-time messaging system that processed 1000+ daily communications with an average response time of ¡100ms, driving a 45% increase in daily active users within the first month.
- Collaborated with a partner to implement CI/CD workflows that reduced deployment time by 60% and decreased code integration issues by 40% through automated testing.
- Integrated comprehensive media-sharing capabilities including photo galleries and ephemeral stories, resulting in 50% higher user engagement metrics and a 35% improvement in user retention compared to baseline.

TECHNICAL SKILLS

TechStack: ReactJS, NodeJS, ExpressJS, NextJS, MongoDB, Tailwind CSS, Firebase, EmailJs, AOS, Prisma, Psql, Vite, Material-UI, Android Studio, Angular, TypeScript, RxJS, HttpClient (Angular), FastAPI
Developer Tools: Git, VS Code, Docker, hpanel, Postman, Prisma Studio, pgAdmin4 , Swagger, Signoz, incident.io, AWS