

Akshat Gupta

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EDUCATION

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

EXPERIENCE

VibeMonitor.ai Full Stack Developer (FastAPI + Next.js) Internship <ul style="list-style-type: none">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%.	Mar 2024 – Nov
PrepSaarthi Co-Founder & Technical Lead (Mentor-based Startup) <ul style="list-style-type: none">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%.	Nov. 2024 – Present
iTax Easy Full Stack and Server Developer Internship <ul style="list-style-type: none">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.	Feb 2025 – Sep

PROJECTS

Legal E-Library <i>Angular, Express.js, Prisma ORM, Node.js, PostgreSQL, CSS</i> <ul style="list-style-type: none">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.	jun 2025 – Present
Cosmic-Trek (Orrery-App) <i>ThreeJs, pynb, WebGL, D3Js, HTML, CSS, Javascript, Redux</i> <ul style="list-style-type: none">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.	Oct 2024 – Dec 2024
AntiSocial <i>NextJS, Emailjs, Razorpay, Particlejs, Tailwind, Node.js, Express, MongoDB</i> <ul style="list-style-type: none">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.	Jun 2024 – Aug 2024

TECHNICAL SKILLS

Languages: Java, JavaScript, C/C++, Python, HTML/CSS
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