ANIKET GAUTAM

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EDUCATION

Indian Institute of Information Technology and Management Gwalior — Graduation: 2025
Integrated B.Tech and M.Tech in Information Technology

All India Senior School Certificate Examination — June 2019
Om Prakash Ganpati Memorial Sr. Sec. School,Chandausi

EXPERIENCE

Software Developer Intern — Remote
Kalam Solutions | IT Solutions Company — **May 2024 - July 2024**
- Engineered scalable front-end and back-end solutions using **React.js, Node.js, and MongoDB** for enterprise-level applications.
- Designed **RESTful APIs** using **Express.js**, handling over **500 API requests** per second with **99.9% uptime.**
- Integrated **Redux and context API** to improve state management efficiency.
- Implemented **JWT-based authentication** ensuring robust user data protection and streamlined application performance.
- Optimized component rendering, reducing **load time** by **20%**, improving user experience across multiple devices.

Full-Stack Developer Intern — Remote
CoachBudy | Ed-Tech. Company — **March 2022 - July 2022**
- Developed a robust **role-based authentication** system for both admin and clients, ensuring secure access control.
- Incorporated middleware effectively to enforce role-based access, further enhancing **system security**.
- Streamlined **CRUD operations** with an optimized schema, increasing code reusability by 30% and enhancing maintainability.

PROJECTS

DistilledFloatNet | Object Detection Model | Python, Autodistill, Computer Vision — May 2024 - Dec 2024
- Developed model for surface floating object detection using **GroundedSAM** and **YOLOv8**, enhancing accuracy and real-time performance.
- Automated image annotation with GroundedSAM, reducing data labeling **time** and **effort** by **70%.**
- Optimized model for resource-constrained devices with **Knowledge Distillation**, achieving a **mAP50** of **74.1%** and **FPS** of **78.74.**

Amzone | Amazon-clone | ReactJS, NodeJS, ExpressJS, MongoDB, Stripe, Firebase — Aug 2022 - Oct 2022
- Built a full-stack Amazon clone for online shopping using **MERN** with features like product browsing, cart management, and order processing.
- Integrated **Stripe payments gateway** for accepting payments in demo mode.

AcademiTrackX | Object-Oriented Academic Report Management System | C++, File I/O — May 2022 - Aug 2022
- Implemented **CRUD operations**, **file handling**, and **user authentication** for student records.
- Integrated password protection and header guards enhance the **codebase security** and **modularity**.

SKILLS

- **Problem Solving**: Leetcode, GFG, CodeChef
- **Languages**: C, C++, JavaScript, TypeScript, Python, HTML, SQL, CSS, Latex
- **Frameworks/Libraries**: Express.js, React.js, Next.js, Node.js, jQuery, Bootstrap, Redux
- **Databases**: MongoDB, PostgreSQL, MySQL
- **Tools**: Visual Studio Code, Git, GitHub, Mongoose, Docker, Postman, AWS (EC2, S3 and Lambda)
- **Coursework**: Database Management Systems, Object-Oriented Programming, Computer Networking, TCP/IP, Operating Systems, Data Structures and Algorithms, Natural Language Processing, Machine Learning, Deep Learning, Software Engineering, Data Mining.

ACHIEVEMENTS

- **DSA Problem Solving**: Solved 300+ diverse coding challenges on platforms such as Leetcode, GFG and CodeChef.
- **Achieved 2-star rating on CodeChef**: Demonstrating problem-solving skills and proficiency in competitive programming.
- **AASF Winter Project Runner-Up**: Secured 1st place in Web Development Track among 100+ teams.

POSITIONS OF RESPONSIBILITY

- **Student Activity Council - Sports** | Secretary of SAC and organised inter-sports meet named Urja 2023 and managed 100+ volunteers.
- **Cultural Head** at Dramatics club Manchtantra | Led a team of 40+ members, coordinating 5+ stage performances, including a finalist position in Nukkad-Natak at Antaragini'23, IIT Kanpur.
- **People Relation Head** at Rotaract Club of Youth | Developed a robust network of over 100+ professionals.
- **Reporting Head** at Journalism and Recreational Forum Uthaan | Conducted 10+ HYP interviews of seniors.