Miheer Gautam

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SUMMARY

- Aspiring Full-Stack Developer with expertise in MERN and a strong grasp of modern web technologies. Proven experience in building scalable web applications and optimizing user interfaces. Eager to leverage my development skills to contribute to innovative and scalable solutions.

EDUCATION

- **Indian Institute of Technology Kanpur** — Kanpur, India
  Visiting Student - Department of Computer Science and Engineering. — Spring '25
  Courses: *Big Data Visual Analytics, Online Learning and Multi-armed Bandits*

- **Indian Institute of Technology Gandhinagar** — Gandhinagar, India
  Visiting Student - Department of Computer Science and Engineering. — Spring '24
  Courses: *Machine Learning, Compiler Design, Human-Computer Interaction*

- **Jk Lakshmipat University** — Jaipur, India
  Bachelor of Technology - Computer Science and Engineering; GPA: 8.91 — July '22 - present
  Courses: *Operating System, Data Structures, Design and Analysis Of Algorithms, Artificial Intelligence, Computer Networks, DBMS*

SKILLS SUMMARY

- **Frontend Development**: ReactJS, Tailwind CSS, Bootstrap, JavaScript, TypeScript;
- **Backend Development**: NodeJS, ExpressJS, Hono, RESTful APIs;
- **Data Science \ Machine Learning**: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn;
- **Cloud \ Deployment**: Docker, Heroku, Netlify, Vercel, GitHub Pages
- **Development Tools \ Platforms**: Git, GitHub, Docker, Visual Studio Code;
- **Programming Language**: C, C++, Python;
- **Soft Skills**: Analytical Thinking, Team Collaboration, Design Thinking, Communication, Quick Learning & Flexibility;

EXPERIENCE

- **Reinforce Software Solution** — Remote
  Full Stack Development Intern (Full-time) — May '24 - Aug '24
  - **UI Modernization** : Transformed the HR module interface using **ReactJS** and **Tailwind CSS**, achieving a reduction in user navigation time while enhancing overall functionality for improved employee engagement and satisfaction.
  - **RESTful API** : Engineered a comprehensive **RESTful API** for HR modules, seamlessly integrating Employee, Candidate, and Expense Management functionalities to enhance system efficiency.
  - **Attendance Feature**: Implemented a daily attendance tracking system with real-time updates.

- **JK Lakshmipat University** — On-site
  Teaching Assistant (Part-time); Course - Probability and Statistics (AS1117) — Aug '24 - Dec '24
  - **Data Manipulation & Visualization**: Guided 70+ students in mastering Python libraries such as Pandas, NumPy, and Matplotlib, resulting in enhanced data manipulation skills that empowered them to tackle complex datasets with confidence and accuracy.
  - **Practical Implementation**: Conducted hands-on workshops on data manipulation, visualization techniques, and machine learning fundamentals, including linear regression, polynomial regression, hypothesis testing, and correlation, enhancing student's ability to analyze and interpret complex datasets.
  - **Project Support**: Mentored students in project development, strengthening their understanding of statistical and analytical concepts through hands-on guidance and problem-solving.

PROJECTS

- **.meBlogs - An Online Publishing Platform**: A feature-rich platform empowering individuals to share stories and ideas globally. Designed for seamless content creation and discovery, offering a modern and intuitive user experience.
  Technologies Used: React.js, TailwindCSS, Hono, PostgreSQL, Prisma, Cloudflare Workers, Vercel (Jan '25)

- **Foodio - Online Food Delivery Web Application**: A dynamic platform that allows users to discover restaurants across multiple cities and countries, while also enabling restaurants to join the platform and expand their reach. Designed for a seamless food ordering experience with an intuitive interface and robust backend.
  Technologies Used: MongoDB, Express, React.js, Node.js, TailwindCSS (Oct '24)

- **WorkWave - HR Management System**: A digital solution designed to streamline and automate the processes involved in managing human resources within an organization.
  Technologies Used: MongoDB, Express, React.js, Node.js, TailwindCSS (May '24)

HONORS AND AWARDS

- Awarded Merit-Based Scholarship for Academic Excellence - May '22
- Recognized 4 times in the Bi-Annual Honors List for exceptional academic performance (Top 2% of the class).