# Siddhartha Gautam

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## PROFESSIONAL SUMMARY

Full Stack Developer Intern with expertise in MERN stack and data science. Proficient in React.js, Node.js, TypeScript, Python, and modern frameworks including React Native and ultralytics. Currently pursuing Data Science from IIT Guwahati while building scalable web applications and AI-powered solutions in production environments.

## EXPERIENCE

**Full Stack Developer Intern** — Present
*MCC Pvt Ltd* — *Remote*
- Developing full-stack applications using MERN stack with TypeScript, React Native, and Vite frameworks
- Building responsive interfaces and implementing RESTful APIs with Node.js, Express.js, and MySQL
- Optimizing application performance and collaborating with teams using Git and agile development practices

**Full Stack Developer Intern** — Dec 2023 – May 2024
*Edureka* — *Remote*
- Developed Zomato clone using MERN stack with authentication, search, and order management features
- Architected RESTful APIs handling 1000+ concurrent requests with JWT authentication and database optimization
- Built video streaming platform and weather application demonstrating end-to-end development capabilities

## PROJECTS

**Classroom Monitoring System** | *Python, OpenCV, YOLO, PyTorch, Deep Learning* — 2025
- Engineered AI-powered system using YOLO and PyTorch for real-time student attendance and behavior analysis with 78% accuracy
- Processed video data using OpenCV, NumPy, and Pandas reducing manual attendance tracking time by 85%

**Full-Stack Zomato Clone** | *React.js, Node.js, Express.js, MongoDB, TypeScript* — 2024
- Developed comprehensive food delivery platform with restaurant listings, filtering, cart functionality, and JWT authentication
- Optimized database queries and implemented caching resulting in 40% faster page load times
- Integrated third-party APIs for location services and payment gateway demonstrating full-stack development capabilities

## EDUCATION

**Indian Institute of Technology IIT Guwahati** — Feb 2025 – Present
*Credit-Linked Data Science Program via Masai School - Machine Learning and Deep Learning* — *Guwahati, Assam*

**Lucknow Public College of Professional Studies LPCPS** — Aug 2023 – Present
*Bachelor of Computer Applications BCA - Information Technology* — *Lucknow, UP*

## TECHNICAL SKILLS

**Languages**: JavaScript ES6+, TypeScript, Python, HTML5, CSS3, SQL
**Frontend**: React.js, React Native, Redux, Bootstrap, Tailwind CSS, Vite, Responsive Design
**Backend**: Node.js, Express.js, RESTful APIs, JWT Authentication, Microservices
**Databases**: MongoDB, MySQL, Oracle, Mongoose, Database Design and Optimization
**Data Science and ML**: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, PyTorch, YOLO, OpenCV
**Tools**: Git, GitHub, VS Code, Postman, npm, Agile Methodologies

## ACHIEVEMENTS

**Hackathon Finalist - Hack with Uttar Pradesh**: Selected among 500+ participants for innovative technical solution

**IIT Guwahati Data Science Program**: Selected for prestigious credit-linked program demonstrating academic excellence in data science and machine learning

**AI Innovation**: Developed production-ready computer vision system with 78% accuracy in classroom monitoring

**Full-Stack Development**: Completed intensive 6-month internship building production applications with measurable performance improvements

**Rapid Learning**: Mastered MERN stack, TypeScript, React Native, Python ML ecosystem, and PyTorch

**GitHub Portfolio**: Actively maintaining multiple full-stack projects demonstrating code quality and continuous learning