

Dhiraj Sahu

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SKILLS

AI based system development • Recommendation letter writing (AI) • Document formatting (AI) • File / error checking (AI) • Document naming (AI) • Python • Javascript • Typescript • Go • React.js • Next.js • Node.js • Express.js • RESTful APIs • WebSockets • MongoDB • MySQL • PostgreSQL • Firebase • Git • GitHub Actions • Docker • CI/CD Concepts • AWS EC2 • Vercel • Netlify • scikit-learn • TensorFlow • Pandas • NumPy • Matplotlib • C • Cpp • Java • HTML5 • CSS3 • Tailwind CSS • Bootstrap • PHP • Django • Flask • Data Preprocessing • Model Evaluation • Supervised Learning • Postman • Visual Studio Code • Figma • Linux/Ubuntu CLI • Agile Methodologies • Debugging • Testing • API Integration • Responsive Web Design • Web Security Practices • MERN Stack • AWS (EC2, SES) • Gemini API • Cron • Programming • Engineering • Remote or hybrid work capability

EDUCATION

- {'institution': 'Terna College of Engineering', 'degree': 'BE in Computer Science', 'year': '2021 – 2025', 'details': 'CGPA: 7.9/10, Coursework: Computer Architecture, Comparison of Learning Algorithms, Computational Theory'}
- {'institution': 'RKT College of Science Commerce and Arts', 'degree': 'HSC in Science', 'year': '2019 – 2021', 'details': 'Percentage : 90/100'}
- {'institution': 'Model English High School', 'degree': 'SSC', 'year': '2021', 'details': 'Percentage: 86/100'}

EXPERIENCE

ADMM Intern at Deloitte (January 2025 – April 2025)

- Analyzed complex datasets to uncover actionable insights, supporting data-driven decision-making for client and internal projects.
- Implemented AI-driven techniques for data analysis, contributing to the development of an AI based system.
- Designed and automated data processing workflows, reducing manual reporting time by 30% and improving data accuracy.
- Developed scalable internal tools and features to enhance data accessibility, streamline operations, and support business growth.
- Collaborated with cross-functional teams to optimize reporting and analytics processes, improving project delivery efficiency.
- Automated document formatting and file/error checking processes, enhancing data quality.
- Assisted in recommendation letter writing processes by providing data-driven insights.

Software Engineer Intern at CCBUL LLP (August 2023 – Oct 2023)

- Designed and developed responsive front-end interfaces to improve user experience and accessibility across web platforms.
- Built and integrated scalable back-end services to support real-time data processing and complex business logic.
- Optimized performance for key application workflows, reducing page load times and API response times by up to 40%.
- Collaborated with product managers and senior engineers to deliver new features, resulting in successful deployment of a large-scale client project.
- Contributed to document naming conventions and strategies to improve data organization.