

EDUCATION

Sikkim Manipal University   Sikkim Manipal Institute of Technology	July 2022 - June 2024
Master of Computer Applications	CGPA: 8.0/10.0
Sikkim University   Government College Rhenock	July 2017 - June 2020
Bachelor of Science in Computer Science (Honours)	CGPA: 7.5/10.0

SKILLS

**Programming & Frameworks:** Python, JavaScript, ReactJS, NodeJS, ExpressJS, Django, HTML, CSS, TailwindCSS  
**Database & Tools:** MongoDB, PostgreSQL, MySQL, AWS, Docker, Git  
**Languages:** English, Hindi, Nepali (Professional Proficiency)

EXPERIENCE

Project Intern   Infosys Springboard	Nov 2024 - Dec 2024
<ul style="list-style-type: none"><li>Contributed to the development of a bank check processing system, optimizing the workflow and improving system accuracy through AI-driven automation</li><li>Designed and implemented a bank check processing system using Python, resulting in a significant <b>60% reduction in manual processing time</b></li><li>Integrated <b>Gemini AI</b> for Optical Character Recognition (OCR) tasks, leading to a <b>40% increase in accuracy</b> compared to the previously used PaddleOCR-based solution</li><li>Authored comprehensive technical documentation for system architecture and API specifications</li><li>Collaborated with development team using Agile methodology for project delivery</li></ul>	

PROJECTS

CheckMate: Automated Bank Check Processor	<a href="https://github.com/mohannn-sys/ChequeMate">www.github.com/mohannn-sys/ChequeMate</a>
<ul style="list-style-type: none"><li>Developed an <b>AI-powered application</b> using Python Streamlit and Gemini AI to automate data extraction from cheque images, <b>increasing processing speed by 30%</b></li><li>Designed a modular system enabling <b>simultaneous processing of multiple checks</b> with data export to CSV, JSON, and PDF</li><li>Implemented <b>secure user authentication</b> with robust validation and session management using MongoDB</li><li>Technologies Used: Python, Gemini AI, MongoDB, PyMuPDF, Pandas, Streamlit</li></ul>	
Task Manager Application	<a href="https://github.com/mohannn-sys/TaskManager">www.github.com/mohannn-sys/TaskManager</a>
<ul style="list-style-type: none"><li>Developed a <b>full-stack task management application</b> designed to help users efficiently manage and track their personal tasks</li><li>Built a <b>RESTful API</b> with a focus on scalability and performance, enabling seamless <b>CRUD operations</b> to interact with task data using <b>Node.js</b> and <b>Express.js</b></li><li>Designed and implemented a user-friendly, responsive interface using <b>React.js</b> and <b>Material UI</b> library, ensuring smooth user experience across multiple devices.</li><li>Integrated <b>Tailwind CSS</b> for clean, customizable, and mobile-first design</li><li>Integrated <b>MongoDB</b> to handle persistent data storage, ensuring fast and reliable retrieval of task information for users</li><li>Technologies Used: MongoDB, Express.js, React.js, Node.js, Tailwind CSS</li></ul>	

CERTIFICATIONS

Python Foundation Certification   Infosys Springboard	Nov 2023
AWS Cloud Essentials   Coursera	Aug 2024

ACHIEVEMENTS

International Conference on Artificial Intelligence, Machine Learning and Big Data Engineering (ICAIMLBDE)   ISETE	Jan 2025
<ul style="list-style-type: none"><li>Presented paper titled "Regions Prediction and Detection in Colposcopy Image Using Machine Learning for Clinical Aid"</li></ul>	